

WEST[Generate Collection](#)**Search Results - Record(s) 1 through 3 of 3 returned.**☐ 1. Document ID: US 5780426 A

L3: Entry 1 of 3

File: USPT

Jul 14, 1998

US-PAT-NO: 5780426

DOCUMENT-IDENTIFIER: US 5780426 A

TITLE: Fivemer cyclic peptide inhibitors of diseases involving
.alpha..sub.v .beta..sub.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☐ 2. Document ID: US 5767071 A

L3: Entry 2 of 3

File: USPT

Jun 16, 1998

US-PAT-NO: 5767071

DOCUMENT-IDENTIFIER: US 5767071 A

TITLE: Sevenmer cyclic peptide inhibitors of diseases involving
.alpha..sub.v .beta..sub.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☐ 3. Document ID: WO 9833919 A2

L3: Entry 3 of 3

File: EPAB

Aug 6, 1998

PUB-NO: WO009833919A2

DOCUMENT-IDENTIFIER: WO 9833919 A2

TITLE: ANTI-ALPHA-V BETA-3 RECOMBINANT HUMANIZED ANTIBODIES, NUCLEIC ACIDS
ENCODING SAME AND METHODS OF USE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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[Generate Collection](#)

Terms	Documents
11 and 12	3

[Display](#)[10](#)Documents, starting with Document: [3](#)

Display Format:

WEST[Generate Collection](#)**Search Results - Record(s) 1 through 3 of 3 returned.**☐ 1. Document ID: US 5780426 A

L3: Entry 1 of 3

File: USPT

Jul 14, 1998

US-PAT-NO: 5780426

DOCUMENT-IDENTIFIER: US 5780426 A

TITLE: Fivemer cyclic peptide inhibitors of diseases involving
.alpha..sub.v .beta..sub.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 5767071 A

L3: Entry 2 of 3

File: USPT

Jun 16, 1998

US-PAT-NO: 5767071

DOCUMENT-IDENTIFIER: US 5767071 A

TITLE: Sevenmer cyclic peptide inhibitors of diseases involving
.alpha..sub.v .beta..sub.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: WO 9833919 A2

L3: Entry 3 of 3

File: EPAB

Aug 6, 1998

PUB-NO: WO009833919A2

DOCUMENT-IDENTIFIER: WO 9833919 A2

TITLE: ANTI-ALPHA-V BETA-3 RECOMBINANT HUMANIZED ANTIBODIES, NUCLEIC ACIDS
ENCODING SAME AND METHODS OF USE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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[Generate Collection](#)

Terms	Documents
11 and 12	3

[Display](#)[10](#)

Documents, starting with Document:

[3](#)

Display Format:

WEST

Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

Generate Collection

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 5753230 A

L4: Entry 1 of 2

File: USPT

May 19, 1998

US-PAT-NO: 5753230

DOCUMENT-IDENTIFIER: US 5753230 A

TITLE: Methods and compositions useful for inhibition of angiogenesis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☐ 2. Document ID: EP 970217 A2, WO 9833919 A2, AU 9861391 A

L4: Entry 2 of 2

File: DWPI

Jan 12, 2000

DERWENT-ACC-NO: 1998-437472

DERWENT-WEEK: 200008

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TITLE: Humanised antibody, Vitaxin, that binds selectively to alphaVbeta3 integrin - and related grafted antibodies based on murine monoclonal LM609, also related nucleic acid, used to treat, prevent or diagnose angiogenesis or restenosis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Clip Img	Image
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Generate Collection

Terms	Documents
12 same (humanis\$ or humaniz\$) same (antibod\$)	2

Display

10

Documents, starting with Document:

2

Display Format:

TI

Change Format

WEST[Generate Collection](#)**Search Results - Record(s) 1 through 10 of 27 returned.**☐ 1. Document ID: US 6056958 A

L2: Entry 1 of 27

File: USPT

May 2, 2000

US-PAT-NO: 6056958

DOCUMENT-IDENTIFIER: US 6056958 A

TITLE: Method of treatment of arterial and venous thromboembolic disorders

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 5985278 A

L2: Entry 2 of 27

File: USPT

Nov 16, 1999

US-PAT-NO: 5985278

DOCUMENT-IDENTIFIER: US 5985278 A

TITLE: Anti-.alpha.V-integrin monoclonal antibody

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 5981478 A

L2: Entry 3 of 27

File: USPT

Nov 9, 1999

US-PAT-NO: 5981478

DOCUMENT-IDENTIFIER: US 5981478 A

TITLE: Integrin-binding peptides

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 5961483 A

L2: Entry 4 of 27

File: USPT

Oct 5, 1999

US-PAT-NO: 5961483

DOCUMENT-IDENTIFIER: US 5961483 A

TITLE: Iontophoretic delivery of cell adhesion inhibitors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 5935598 A

L2: Entry 5 of 27

File: USPT

Aug 10, 1999

US-PAT-NO: 5935598

DOCUMENT-IDENTIFIER: US 5935598 A

TITLE: Iontophoretic delivery of cell adhesion inhibitors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 6. Document ID: US 5919754 A

L2: Entry 6 of 27

File: USPT

Jul 6, 1999

US-PAT-NO: 5919754

DOCUMENT-IDENTIFIER: US 5919754 A

TITLE: Method of inhibiting fibrinogen binding to endothelial cells with fibrinogen gamma chain peptides

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 7. Document ID: US 5877281 A

L2: Entry 7 of 27

File: USPT

Mar 2, 1999

US-PAT-NO: 5877281

DOCUMENT-IDENTIFIER: US 5877281 A

TITLE: Developmentally-regulated endothelial cell locus-1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 8. Document ID: US 5849736 A

L2: Entry 8 of 27

File: USPT

Dec 15, 1998

US-PAT-NO: 5849736

DOCUMENT-IDENTIFIER: US 5849736 A

TITLE: Isoxazoline and isoxazole fibrinogen receptor antagonists

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 9. Document ID: US 5780426 A

L2: Entry 9 of 27

File: USPT

Jul 14, 1998

US-PAT-NO: 5780426
DOCUMENT-IDENTIFIER: US 5780426 A
TITLE: Fivemer cyclic peptide inhibitors of diseases involving
.alpha..sub.v .beta..sub.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☐ 10. Document ID: US 5767071 A

L2: Entry 10 of 27

File: USPT

Jun 16, 1998

US-PAT-NO: 5767071
DOCUMENT-IDENTIFIER: US 5767071 A
TITLE: Sevenmer cyclic peptide inhibitors of diseases involving
.alpha..sub.v .beta..sub.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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Generate Collection

Terms	Documents
lm609	27

Display

10

Documents, starting with Document:

11

Display Format: TI

Change Format

WEST[Generate Collection](#)**Search Results - Record(s) 11 through 20 of 27 returned.**☐ 11. Document ID: US 5766591 A

L2: Entry 11 of 27

File: USPT

Jun 16, 1998

US-PAT-NO: 5766591

DOCUMENT-IDENTIFIER: US 5766591 A

TITLE: Methods and compositions useful for inhibition of angiogenesis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 12. Document ID: US 5760028 A

L2: Entry 12 of 27

File: USPT

Jun 2, 1998

US-PAT-NO: 5760028

DOCUMENT-IDENTIFIER: US 5760028 A

TITLE: Integrin receptor antagonists

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 13. Document ID: US 5760029 A

L2: Entry 13 of 27

File: USPT

Jun 2, 1998

US-PAT-NO: 5760029

DOCUMENT-IDENTIFIER: US 5760029 A

TITLE: Spirocycle integrin inhibitors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 14. Document ID: US 5753230 A

L2: Entry 14 of 27

File: USPT

May 19, 1998

US-PAT-NO: 5753230

DOCUMENT-IDENTIFIER: US 5753230 A

TITLE: Methods and compositions useful for inhibition of angiogenesis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 15. Document ID: US 5710159 A

L2: Entry 15 of 27

File: USPT

Jan 20, 1998

US-PAT-NO: 5710159

DOCUMENT-IDENTIFIER: US 5710159 A

TITLE: Integrin receptor antagonists

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 16. Document ID: US 5652109 A

L2: Entry 16 of 27

File: USPT

Jul 29, 1997

US-PAT-NO: 5652109

DOCUMENT-IDENTIFIER: US 5652109 A

TITLE: Antibodies to .alpha.v.beta.3 integrin

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 17. Document ID: US 5652110 A

L2: Entry 17 of 27

File: USPT

Jul 29, 1997

US-PAT-NO: 5652110

DOCUMENT-IDENTIFIER: US 5652110 A

TITLE: Antibodies to .alpha.v.beta.3 integrin

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 18. Document ID: US 5599790 A

L2: Entry 18 of 27

File: USPT

Feb 4, 1997

US-PAT-NO: 5599790

DOCUMENT-IDENTIFIER: US 5599790 A

TITLE: Fibrinogen .gamma. chain polypeptide and compositions thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 19. Document ID: US 5578704 A

L2: Entry 19 of 27

File: USPT

Nov 26, 1996

US-PAT-NO: 5578704

DOCUMENT-IDENTIFIER: US 5578704 A

TITLE: Antibody to osteoclast alphavbeta3 ntegrin

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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☐ 20. Document ID: US 5527805 A

L2: Entry 20 of 27

File: USPT

Jun 18, 1996

US-PAT-NO: 5527805

DOCUMENT-IDENTIFIER: US 5527805 A

TITLE: Dynemicin analogs: syntheses, methods of preparation and use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
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Generate Collection

Terms	Documents
lm609	27

Display

10

Documents, starting with Document:

21

Display Format:

TI

Change Format

WEST[Generate Collection](#)**Search Results - Record(s) 21 through 27 of 27 returned.**☐ 21. Document ID: US 5328840 A

L2: Entry 21 of 27

File: USPT

Jul 12, 1994

US-PAT-NO: 5328840

DOCUMENT-IDENTIFIER: US 5328840 A

TITLE: Method for preparing targeted carrier erythrocytes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 22. Document ID: US 5281710 A

L2: Entry 22 of 27

File: USPT

Jan 25, 1994

US-PAT-NO: 5281710

DOCUMENT-IDENTIFIER: US 5281710 A

TITLE: Dynemicin analogs: synthesis, methods of preparation and use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 23. Document ID: US 5276159 A

L2: Entry 23 of 27

File: USPT

Jan 4, 1994

US-PAT-NO: 5276159

DOCUMENT-IDENTIFIER: US 5276159 A

TITLE: Dynemicin analogs: syntheses, methods of preparation and use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 24. Document ID: US 5266327 A

L2: Entry 24 of 27

File: USPT

Nov 30, 1993

US-PAT-NO: 5266327

DOCUMENT-IDENTIFIER: US 5266327 A

TITLE: Enhanced suturing and means therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 25. Document ID: US 5190873 A

L2: Entry 25 of 27

File: USPT

Mar 2, 1993

US-PAT-NO: 5190873

DOCUMENT-IDENTIFIER: US 5190873 A

TITLE: Hybrid tryptophan aporepressor containing ligand binding sites

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☐ 26. Document ID: WO 9833919 A2

L2: Entry 26 of 27

File: EPAB

Aug 6, 1998

PUB-NO: WO009833919A2

DOCUMENT-IDENTIFIER: WO 9833919 A2

TITLE: ANTI-ALPHA-V BETA-3 RECOMBINANT HUMANIZED ANTIBODIES, NUCLEIC ACIDS
ENCODING SAME AND METHODS OF USE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
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☐ 27. Document ID: EP 970217 A2, WO 9833919 A2, AU 9861391 A

L2: Entry 27 of 27

File: DWPI

Jan 12, 2000

DERWENT-ACC-NO: 1998-437472

DERWENT-WEEK: 200008

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TITLE: Humanised antibody, Vitaxin, that binds selectively to alphaVbeta3
integrin - and related grafted antibodies based on murine monoclonal
LM609, also related nucleic acid, used to treat, prevent or diagnose
angiogenesis or restenosis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Clip Img	Image
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Generate Collection

Terms	Documents
lm609	27

Display

☐Documents, starting with Document:

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Display Format:

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Change Format

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WEST

Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

Generate Collection

Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 5766591 A

L5: Entry 1 of 3

File: USPT

Jun 16, 1998

US-PAT-NO: 5766591

DOCUMENT-IDENTIFIER: US 5766591 A

TITLE: Methods and compositions useful for inhibition of angiogenesis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 5753230 A

L5: Entry 2 of 3

File: USPT

May 19, 1998

US-PAT-NO: 5753230

DOCUMENT-IDENTIFIER: US 5753230 A

TITLE: Methods and compositions useful for inhibition of angiogenesis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 3. Document ID: EP 970217 A2, WO 9833919 A2, AU 9861391 A

L5: Entry 3 of 3

File: DWPI

Jan 12, 2000

DERWENT-ACC-NO: 1998-437472

DERWENT-WEEK: 200008

COPYRIGHT 2000 DERWENT INFORMATION LTD

TITLE: Humanised antibody, Vitaxin, that binds selectively to alphaVbeta3 integrin - and related grafted antibodies based on murine monoclonal LM609, also related nucleic acid, used to treat, prevent or diagnose angiogenesis or restenosis

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Clip Img	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	----------	-------

Generate Collection

Terms	Documents
l2 same (humanis\$ or humaniz\$ or chimeric or recombinant) same (antibod\$)	3

Documents, starting with Document:

Display Format:

WEST

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Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

starting with: ANTIBOD\$(ANTIBODY-WHICH).P25-P81,P20-P24,P17-P19,P1-P15.

Search Results -

Terms	Documents
l2 same (humanis\$ or humaniz\$ or chimeric or recombinant) same (antibod\$)	3

US Patents Full-Text Database

JPO Abstracts Database

EPO Abstracts Database

Derwent World Patents Index

Database: IBM Technical Disclosure Bulletins

Refine Search:

l2 same (humanis\$ or humaniz\$ or
chimeric or recombinant) same (antibod\$)

Clear

Search History**Today's Date: 7/16/2000**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,JPAB,EPAB,DWPI	l2 same (humanis\$ or humaniz\$ or chimeric or recombinant) same (antibod\$)	3	<u>L5</u>
USPT,JPAB,EPAB,DWPI	l2 same (humanis\$ or humaniz\$) same (antibod\$)	2	<u>L4</u>
USPT,JPAB,EPAB,DWPI	l1 and l2	3	<u>L3</u>
USPT,JPAB,EPAB,DWPI	lm609	27	<u>L2</u>
USPT,JPAB,EPAB,DWPI	huse-william\$	52	<u>L1</u>

ED

***GPO Monthl Catalog (File 66)
***Bridge World Market New (File 609,809)
***Fort Worth Star-Telegram (File 427)
***Federal New Serice (File 660)
***Kana Cit Star (File 147)
***Britih Book in Print (File 430)

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***Book in Print (File 470)
***Kompa Aia/Pacific (File 592)

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broad spectrum of news wires.

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
>>> of new databases, price changes, etc. <<<

File 1:ERIC 1966-2000/Jul 10
(c) format only 2000 The Dialog Corporation

Set	Items	Description
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? b 410

>>>'IALOG' not recognized as set or accession number
? set hi ;set hi

16jul00 09:26:00	User208760	Session D1630.1
\$0.41	0.116 DialUnits	File1
\$0.41	Estimated cost	File1
\$0.05	TYMNET	
\$0.46	Estimated cost this search	
\$0.46	Estimated total session cost	0.116 DialUnits

File 410:Chronolog(R) 1981-2000 May/Jun
(c) 2000 The Dialog Corporation plc

Set	Items	Description
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?

HILIGHT set on as ''
HILIGHT set on as ''
? begin 5,73,154,399

16jul00 09:26:13	User208760	Session D1630.2
\$0.00	0.056 DialUnits	File410
\$0.00	Estimated cost	File410
\$0.01	TYMNET	
\$0.01	Estimated cost this search	
\$0.47	Estimated total session cost	0.172 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2000/Jul W3

(c) 2000 BIOSIS

File 73:EMBASE 1974-2000/Jun W3

(c) 2000 Elsevier Science B.V.

*File 73: There is no data missing. UDs are being adjusted to reflect the current months data.

File 154:MEDLINE(R) 1993-2000/Sep W2

(c) format only 2000 Dialog Corporation

File 399:CA SEARCH(R) 1967-2000/UD=13302

(c) 2000 American Chemical Society

*File 399: Use is subject to the terms of your user/customer agreement.

RANK charge added; see HELP RATES 399.

Set	Items	Description
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? s lm609

S1	187	LM609
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? s lm609(30n)(antibod?)(30n)(humaniz? or humanis? or chimeric or recombinant or cdr)

	187	LM609
1189750		ANTIBOD?
3818		HUMANIZ?
2040		HUMANIS?
48928		CHIMERIC
364704		RECOMBINANT
2747		CDR

S2	18	LM609(30N)(ANTIBOD?)(30N)(HUMANIZ? OR HUMANIS? OR CHIMERIC OR RECOMBINANT OR CDR)
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? rd s2

...completed examining records

S3	10	RD S2 (unique items)
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? t s3/7/all

3/7/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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11647701 BIOSIS NO.: 199800429432

Role of betal and beta3 integrins in human smooth muscle cell adhesion to and contraction of fibrin clots in vitro.

AUTHOR: Yee Karen O(a); Rooney Michael M; Giachelli Cecilia M; Lord Susan T; Schwartz Stephen M

AUTHOR ADDRESS: (a)Univ. Washington, Box 357335, Seattle, WA 98195**USA 1998

JOURNAL: Circulation Research 83 (3):p241-251 Aug., 1998

ISSN: 0009-7330

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: The degree of lumen narrowing in advanced lesions correlates poorly with the amount of intimal mass accumulated in the atherosclerotic plaque. As an alternate mechanism of stenosis, we propose that human smooth muscle cells bind to fibrin deposited in the matrix and exert contractile forces to cause a narrowing of the lumen. In the present study we demonstrated in vitro that human newborn aortic smooth muscle cell lines can contract and adhere to fibrin clots composed of either fibronectin-depleted plasma ("plasma") or **recombinant** fibrin. By using neutralizing **antibodies** and RGD peptides, we showed that members of the integrin family mediated the interaction between human newborn smooth muscle cells and fibrin. Neutralizing **antibodies**

against the integrin alphavbeta3 (c7E3 Fab and **LM609**) did not inhibit either plasma clot contraction or **recombinant** fibrin clot contraction by human newborn smooth muscle cells. In contrast, **antibodies** against alpha5, beta1, and alpha5beta1 inhibited contraction of clots composed of either plasma or **recombinant** fibrin. Anti-alphavbeta3, anti-alphav, anti-alpha5, anti-beta1, and anti-alpha5beta1 **antibodies** inhibited human newborn smooth muscle cell adhesion to plasma clots; however, only anti-alpha5, anti-beta1, and anti-alpha5beta1 **antibodies** significantly inhibited adhesion to recombinant fibrin. While the linear RGD peptides had no effect, the cyclic peptide penRGD inhibited adhesion to plasma clots and recombinant fibrin. However, it did not block contraction of recombinant fibrin clots. These results suggest that during the interaction of human newborn smooth muscle cell lines with fibrin, alpha5beta1 plays a significant role. This interaction is of potential interest as a target for efforts to block vascular contraction.

3/7/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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11582325 BIOSIS NO.: 199800363021

A phage display approach for rapid antibody humanization: Designed combinatorial V gene libraries.

AUTHOR: Rader Christoph; Chereshi David A; Barbas Carlos F III(a)

AUTHOR ADDRESS: (a)Scripps Res. Inst., BCC-515, 10550 North Torrey Pines Road, La Jolla, CA 92037**USA

1998

JOURNAL: Proceedings of the National Academy of Sciences of the United States of America 95 (15):p8910-8915 July 21, 1998

ISSN: 0027-8424

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: The development of a new strategy for antibody humanization is described. This strategy incorporates key recognition sequences from the parental rodent **antibody** into a phage display-based selection strategy. The original sequences of the third complementarity-determining regions (CDRs) of heavy and light chains, HCDR3 and LCDR3, were maintained and all other sequences were replaced by human sequences selected from phage-displayed **antibody** libraries. This approach was applied to the **humanization** of mouse mAb **LM609** that is directed to human integrin alphavbeta3 and has potential applicability in cancer therapy as an antiangiogenic agent. We demonstrate this approach (i) provides a rapid route for **antibody humanization** constraining the content of original mouse sequences in the final **antibodies** to the most hypervariable of the CDRs; (ii) generates several **humanized** versions with different sequences at the same time; (iii) results in affinities as high as or higher than the affinity of the original **antibody**; and (iv) retains the antigen and epitope specificity of the original **antibody**. The production of multiple **humanized** variants may present advantages in the selection of **antibodies** that are more readily expressed on a large scale and could be important in therapeutic regimens that call for long-term treatment with antibodies in which antiidiotypic responses might be avoided by administration of alternative antibodies.

3/7/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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11514991 BIOSIS NO.: 199800296323

Stepwise in vitro affinity maturation of Vitaxin, an alphavbeta3-specific

humanized mAb.

AUTHOR: Wu Herren; Beuerlein Gregory; Nie Ying; Smith Heidi; Lee Bruce A;
Hensler Mary; Huse William D; Watkins Jeffry D(a)
AUTHOR ADDRESS: (a)Ixsys Inc., 3520 Dunhill St., San Diego, CA 92121**USA
1998
JOURNAL: Proceedings of the National Academy of Sciences of the United
States of America 95 (11):p6037-6042 May 26, 1998
ISSN: 0027-8424
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

ABSTRACT: A protein engineering strategy based on efficient and focused
mutagenesis implemented by codon-based mutagenesis was developed.
Vitaxin, a **humanized** version of the antiangiogenic **antibody**
LM609 directed against a conformational epitope of the alphavbeta3
integrin complex, was used as a model system. Specifically, focused
mutagenesis was used in a stepwise fashion to rapidly improve the
affinity of the antigen binding fragment by greater than 90-fold. In the
complete absence of structural information about the Vitaxinalphavbeta3
interaction, phage-expressed **antibody** libraries for all six Ig
heavy and light chain complementarity-determining regions were expressed
and screened by a quantitative assay to identify variants with improved
binding to alphavbeta3. The Vitaxin variants in these libraries each
contained a single mutation, and all 20 amino acids were introduced at
each complementarity-determining region residue, resulting in the
expression of 2,336 unique clones. Multiple clones displaying 2- to
13-fold improved affinity were identified. Subsequent expression and
screening of a library of 256 combinatorial variants of the optimal
mutations identified from the primary libraries resulted in the
identification of multiple clones displaying greater than 50-fold
enhanced affinity. These variants inhibited ligand binding to receptor
more potently as demonstrated by inhibition of cell adhesion and ligand
competition assays. Because of the limited mutagenesis and combinatorial
approach, Vitaxin variants with enhanced affinity were identified rapidly
and required the synthesis of only 2,592 unique variants. The use of such
small focused libraries obviates the need for phage affinity selection
approaches typically used, permitting the use of functional assays and
the engineering of proteins expressed in mammalian cell culture.

3/7/4 (Item 4 from file: 5)
DIALOG(R)File 5:BIOSIS Previews(R)
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11127907 BIOSIS NO.: 199799749052

Vitronectin receptor (alpha-v-beta-3) mediates platelet adhesion to the
luminal aspect of endothelial cells: Implications for reperfusion in
acute myocardial infarction.

AUTHOR: Gawaz Meinrad(a); Nuemann Franz-Josef; Dickfeld Timm; Reininger
Armin; Adelsberger Helmut; Gebhardt Adrian; Schoemig Albert
AUTHOR ADDRESS: (a)1. Medizinische Klinik Tech. Univ. Muenchen, Klinikum
rechts der Isar, Ismaninger Str. 22, 81675**Germany
1997

JOURNAL: Circulation 96 (6):p1809-1818 1997
ISSN: 0009-7322
RECORD TYPE: Abstract
LANGUAGE: English

ABSTRACT: Background: Platelet interaction with endothelium plays an
important role in the pathophysiology of coronary microcirculation. We
assessed the role of the vitronectin receptor (integrin alpha-v-beta-3)
in platelet/endothelium adhesion. Methods and Results: We investigated
the effect on platelet/endothelium adhesion of plasma obtained from
patients with acute myocardial infarction during reperfusion (before and
8, 24, 48, and 72 hours and 5 to 7 days after direct angioplasty) and

with pretreatment with alpha-thrombin (2U/mL) and recombinant human interleukin-1-beta. Platelet/endothelium adhesion was significantly enhanced by approx 20% after pretreatment of endothelium with patient plasma for 4 hours (P lt .05) compared with endothelium treated with pooled control plasma. Plasma-induced platelet/endothelium adhesion was, in part, RGD peptide dependent. Pretreatment of endothelial cells with alpha-thrombin or recombinant human interleukin-1-beta enhanced platelet/endothelium adhesion and surface expression of alpha-v-beta-3 on the luminal aspect of endothelium (P lt .05). The adhesion of platelets, isolated platelet microparticles, and Chinese hamster ovary cells bearing human **recombinant** alpha-IIb-beta-3 (platelet glycoprotein IIb-IIIa) to activated endothelial cells was inhibited by antiadhesive peptides GRGDSP and c(RGDfV) and monoclonal **antibodies** 4F10, **LM609**, and 7E3. Conclusions: The expression of vitronectin receptor exposed on the luminal aspect of activated endothelium is enhanced and mediates platelet/endothelium adhesion. Vitronectin receptor-mediated platelet attachment to activated endothelium during reperfusion may contribute to reperfusion injury and could be a target for antiadhesive therapy.

3/7/5 (Item 5 from file: 5)
DIALOG(R)File 5: Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11032869 BIOSIS NO.: 199799654014

A three amino acid deletion in glycoprotein IIIa is responsible for type I Glanzmann's thrombasthenia: Importance of residues Ile-325Pro-326Gly-327 for beta-3 integrin subunit association.

AUTHOR: Morel-Kopp Marie-Christine; Kaplan Cecile; Proulle Valerie; Jallu Vincent; Melchior Chantal; Peyruchaud Olivier; Aurousseau Marie-Helene; Kieffer Nelly(a)

AUTHOR ADDRESS: (a)Lab. Franco-Luxembourgeois de Recherche Biomedicale, Cent. Univ., 162 A avenue de la Faiencerie, **Luxembourg
1997

JOURNAL: Blood 90 (2):p669-677 1997

ISSN: 0006-4971

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: Glanzmann's thrombasthenia (GT) is a recessive autosomal bleeding disorder characterized by abnormal platelet aggregation due to a qualitative or quantitative defect of the glycoprotein (GP) IIb-IIIa complex (integrin alpha-IIb,beta-3). We describe a new mutation in the GPIIIa gene responsible for type I GT in a consanguineous Algerian family. A discordance between phenotyping and genotyping of the GPIIIa-related HPA-1 platelet alloantigen system in three family members heterozygous for the disease suggested a genetic defect in the GPIIIa gene and a normal GPIIb gene. Sequence analysis of amplified genomic DNA fragments showed a 6-bp deletion in exon 7 of the GPIIIa gene resulting in the amino acid deletion/substitution (Ile-325Pro-326Gly-327 fwdarw Met) and creating a new BspHI restriction site. Expression of the mutated integrin beta-3 subunit cDNA in Chinese hamster ovary cells showed that the cDNA gene was transcribed into a full-length beta-3 protein with an apparent molecular weight identical to wild-type beta-3 and accumulated as a single-chain molecule in the cell cytoplasm. The absence of heterodimeric complex formation of the mutant beta-3 protein with endogenous alpha-v was shown by immunoprecipitation experiments, intracellular immunofluorescent labeling, and a semiquantitative enzyme-linked immunosorbent assay using the alpha-v-beta-3 complex-specific monoclonal **antibodies** **LM609** and 23C6. Substitution of the methionine residue by a proline, present at position 326 of wild-type beta-3, did not restore the ability of the **recombinant** mutant beta-3 protein to associate with alpha-v, suggesting that the Ile-Pro-Gly motif is located in a beta-3 domain important for integrin subunit interaction. The association of a BspHI restriction site with this newly identified mutation has allowed

allele-specific restriction analysis of Algerian GT individuals and the identification of two new unrelated type I patients exhibiting the same mutation, suggesting that the described mutation might be significant in this population and that BspHI restriction analysis will provide a useful screening assay for antenatal diagnosis and genetic counselling.

3/7/6 (Item 6 from file: 5)
DIALOG(R)File 5:BIOSIS Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10064065 BIOSIS NO.: 199598518983

Antiintegrin alpha-v-beta-3 blocks human breast cancer growth and angiogenesis in human skin.

AUTHOR: Brooks Peter C(a); Stromblad Staffan; Klemke Richard; Visscher Daniel; Sarkar Fazlul H; Cheresh David A

AUTHOR ADDRESS: (a)Dep. Immunol. Vascular Biol., Scripps Research Inst.,
10666 North Torrey Pines Road, La Jolla, C**USA
1995

JOURNAL: Journal of Clinical Investigation 96 (4):p1815-1822 1995

ISSN: 0021-9738

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: Angiogenesis plays a fundamental role in human breast tumor progression. In fact, recent findings indicate that vascular density is a prognostic indicator of breast cancer disease status. Evidence is presented that the integrin alpha-v-beta-3 is not only a marker of human breast tumor-associated blood vessels, but that it plays a significant role in human angiogenesis and breast tumor growth. To assess the role of alpha-v-beta-3-dependent angiogenesis in the progression of human breast cancer, we examined a SCID mouse/human **chimeric** model with transplanted full thickness human skin containing alpha-v-beta-3-negative human breast tumor cells. This tumor induced a human angiogenic response as measured by vascular cell immunoreactivity with monoclonal **antibodies LM609** and P2B1 directed to human alpha-v-beta-3 and CD31, respectively. Intravenous administration of **LM609** either prevented tumor growth or markedly reduced tumor cell proliferation within the microenvironment of the human skin. These LM609-treated tumors not only contained significantly fewer human blood vessels but also appeared considerably less invasive than tumors in control animals. These findings demonstrate that alpha-v-beta-3 antagonists may provide an effective antiangiogenic approach for the treatment of human breast cancer.

3/7/7 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

07291207 EMBASE No: 1998181754

Stepwise in vitro affinity maturation of Vitaxin, an alpha(v)betainf 3-specific humanized mAb

Wu H.; Beuerlein G.; Nie Y.; Smith H.; Lee B.A.; Hensler M.; Huse W.D.;
Watkins J.D.

J.D. Watkins, Ixsys, Inc., 3520 Dunhill Street, San Diego, CA 92121
United States

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Proceedings of the National Academy of Sciences of the United States of
America (PROC. NATL. ACAD. SCI. U. S. A.) (United States) 26 MAY 1998
, 95/11 (6037-6042)

CODEN: PNASA ISSN: 0027-8424

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 34

A protein engineering strategy based on efficient and focused mutagenesis implemented by codon-based mutagenesis was developed. Vitaxin, a **humanized** version of the antiangiogenic **antibody LM609** directed against a conformational epitope of the alpha(v)beta3 integrin complex, was used as a model system. Specifically, focused mutagenesis was used in a stepwise fashion to rapidly improve the affinity of the antigen binding fragment by greater than 90-fold. In the complete absence of structural information about the Vitaxin-alpha(v)beta3 interaction, phage-expressed antibody libraries for all six Ig heavy and light chain complementarity-determining regions were expressed and screened by a quantitative assay to identify variants with improved binding to alpha(v)beta3. The Vitaxin variants in these libraries each contained a single mutation, and all 20 amino acids were introduced at each complementarity-determining region residue, resulting in the expression of 2,336 unique clones. Multiple clones displaying 2- to 13-fold improved affinity were identified. Subsequent expression and screening of a library of 256 combinatorial variants of the optimal mutations identified from the primary libraries resulted in the identification of multiple clones displaying greater than 50-fold enhanced affinity. These variants inhibited ligand binding to receptor more potently as demonstrated by inhibition of cell adhesion and ligand competition assays. Because of the limited mutagenesis and combinatorial approach, Vitaxin variants with enhanced affinity were identified rapidly and required the synthesis of only 2,592 unique variants. The use of such small focused libraries obviates the need for phage affinity selection approaches typically used, permitting the use of functional assays and the engineering of proteins expressed in mammalian cell culture.

3/7/8 (Item 2 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

07001959 EMBASE No: 1997288320

Vitronectin receptor (alpha(v)beta3) mediates platelet adhesion to the luminal aspect of endothelial cells: Implications for reperfusion in acute myocardial infarction

Gawaz M.; Neumann F.-J.; Dickfeld T.; Reininger A.; Adelsberger H.; Gebhardt A.; Schomig A.

Dr. M. Gawaz, 1. MKTUM, Klinikum rechts der Isar, Ismaninger Strasse 22, 81675 Munchen Germany

Circulation (CIRCULATION) (United States) 1997, 96/6 (1809-1818)

CODEN: CIRCA ISSN: 0009-7322

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 53

Background: Platelet interaction with endothelium plays an important role in the pathophysiology of coronary microcirculation. We assessed the role of the vitronectin receptor (integrin alpha(v)beta3) in platelet/endothelium adhesion. Methods and Results: We investigated the effect on platelet/endothelium adhesion of plasma obtained from patients with acute myocardial infarction during reperfusion (before and 8, 24, 48, and 72 hours and 5 to 7 days after direct angioplasty) and with pretreatment with alpha-thrombin (2 U/mL) and recombinant human interleukin-1beta. Platelet/endothelium adhesion was significantly enhanced by approx. eq.20% after pretreatment of endothelium with patient plasma for 4 hours (P<.05) compared with endothelium treated with pooled control plasma. Plasma-induced platelet/endothelium adhesion was, in part, RGD peptide dependent. Pretreatment of endothelial cells with alpha-thrombin or recombinant human interleukin-1beta enhanced platelet/endothelium adhesion and surface expression of alpha(v)beta3 on the luminal aspect of endothelium (P<.05). The adhesion of platelets, isolated platelet microparticles, and Chinese hamster ovary cells bearing human **recombinant** alpha(IIb)beta3 (platelet glycoprotein IIb-IIIa) to

activated endothelial cells was inhibited by antiadhesive peptides GRGDSP and c(RGDfV) and monoclonal **antibodies** 4F10, **LM609**, and 7E3.
Conclusions: The expression of vitronectin receptor exposed on the luminal aspect of activated endothelium is enhanced and mediates platelet/endothelium adhesion. Vitronectin receptor-mediated platelet attachment to activated endothelium during reperfusion may contribute to reperfusion injury and could be a target for antiadhesive therapy.

3/7/9 (Item 3 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

06929140 EMBASE No: 1997213619

A three amino acid deletion in glycoprotein IIIa is responsible for type I Glanzmann's thrombasthenia: Importance of residues Ilesup 3sup 2sup 5Prosup 3sup 2sup 6Glysup 3sup 2sup 7 for beta3 integrin subunit association

Morel-Kopp M.-C.; Kaplan C.; Proulle V.; Jallu V.; Melchior C.; Peyruchaud O.; Aurousseau M.-H.; Kieffer N.

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Blood (BLOOD) (United States) 1997, 90/2 (669-677)

CODEN: BLOOA ISSN: 0006-4971

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 49

Glanzmann's thrombasthenia (GT) is a recessive autosomal bleeding disorder characterized by abnormal platelet aggregation due to a qualitative or quantitative defect of the glycoprotein (GP) IIb-IIIa complex (integrin alphaIIbbeta3). We describe a new mutation in the GPIIIa gene responsible for type I GT in a consanguineous Algerian family. A discordance between phenotyping and genotyping of the GPIIIa-related HPA-1 platelet alloantigen system in three family members heterozygous for the disease suggested a genetic defect in the GPIIIa gene and a normal GPIIb gene. Sequence analysis of amplified genomic DNA fragments showed a 6-bp deletion in exon 7 of the GPIIIa gene resulting in the amino acid deletion/substitution (Ilesup 3sup 2sup 5Prosup 3sup 2sup 6Glysup 3sup 2sup 7 <rt arrow> Met) and creating a new BspHI restriction site. Expression of the mutated integrin beta3 subunit cDNA in Chinese hamster ovary cells showed that the cDNA gene was transcribed into a full-length beta3 protein with an apparent molecular weight identical to wildtype beta3 and accumulated as a single-chain molecule in the cell cytoplasm. The absence of heterodimeric complex formation of the mutant beta3 protein with endogeneous alphav was shown by immunoprecipitation experiments, intracellular immunofluorescent labeling, and a semiquantitative enzyme-linked immunosorbent assay using the alphavbeta3 complex specific monoclonal **antibodies** **LM609** and 23C6. Substitution of the methionine residue by a proline, present at position 326 of wild-type beta3, did not restore the ability of the **recombinant** mutant beta3 protein to associate with alphav, suggesting that the Ile-Pro-Gly motif is located in a beta3 domain important for integrin subunit interaction. The association of a BspHI restriction site with this newly identified mutation has allowed allele-specific restriction analysis of Algerian GT individuals and the identification of two new unrelated type I patients exhibiting the same mutation, suggesting that the described mutation might be significant in this population and that BspHI restriction analysis will provide a useful screening assay for antenatal diagnosis and genetic counselling.

3/7/10 (Item 4 from file: 73)
DIALOG(R)File 73:EMBASE
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06277001 EMBASE No: 1995307430

Antiintegrin alphavbeta3 blocks human breast cancer growth and angiogenesis in human skin

Brooks P.C.; Stromblad S.; Klemke R.; Visscher D.; Sarkar F.H.; Cheres D.A.

Dept. of Immunology/Vascular Biology, Scripps Research Institute, 10666 North Torrey Pines Road, San Diego, CA 92037 United States

Journal of Clinical Investigation (J. CLIN. INVEST.) (United States) 1995, 96/4 (1815-1822)

CODEN: JCINA ISSN: 0021-9738

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

Angiogenesis plays a fundamental role in human breast tumor progression. In fact, recent findings indicate that vascular density is a prognostic indicator of breast cancer disease status. Evidence is presented that the integrin alphavbeta3 is not only a marker of human breast tumor-associated blood vessels, but that it plays a significant role in human angiogenesis and breast tumor growth. To assess the role alphavbeta3-dependent angiogenesis in the progression of human breast cancer, we examined a SCID mouse/human **chimeric** model with transplanted full thickness human skin containing alphavbeta3-negative human breast tumor cells. This tumor induced a human angiogenic response as measured by vascular cell immunoreactivity with monoclonal **antibodies LM609** and P2B1 directed to human alphavbeta3 and CD31, respectively. Intravenous administration of **LM609** either prevented tumor growth or markedly reduced tumor cell proliferation within the microenvironment of the human skin. These LM609-treated tumors not only contained significantly fewer human blood vessels but also appeared considerably less invasive than tumors in control animals. These findings demonstrate that alphavbeta3 antagonists may provide an effective antiangiogenic approach for the treatment of human breast cancer.

ds

Set	Items	Description
S1	187	LM609
S2	18	LM609(30N)(ANTIBOD?)(30N)(HUMANIZ? OR HUMANIS? OR CHIMERIC OR RECOMBINANT OR CDR)
S3	10	RD S2 (unique items)

? rd s1

...examined 50 records (50)
...examined 50 records (100)
...examined 50 records (150)
...completed examining records
S4 121 RD S1 (unique items)
? s s4 and (antibod?)(30n)(humaniz? or humanis? or chimeric or recombinant or
cdr)

121	S4
1189750	ANTIBOD?
3818	HUMANIZ?
2040	HUMANIS?
48928	CHIMERIC
364704	RECOMBINANT
2747	CDR
49331	ANTIBOD?(30N)((((HUMANIZ? OR HUMANIS?) OR CHIMERIC) OR RECOMBINANT) OR CDR)
S5 12	S4 AND (ANTIBOD?)(30N)(HUMANIZ? OR HUMANIS? OR CHIMERIC OR RECOMBINANT OR CDR)

? t s4/3/all

4/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

12413142 BIOSIS NO.: 200000166644
Functional activation of integrin alphavbeta3 in tumor cells expressing
membrane-type 1 matrix metalloproteinase.
AUTHOR: Deryugina Elena I; Bourdon Mario A; Jungwirth Karli; Smith Jeffrey
W; Strongin Alex Y(a)
AUTHOR ADDRESS: (a)The Burnham Institute, 10901 North Torrey Pines Road, La
Jolla, CA, 92037**USA
2000
JOURNAL: International Journal of Cancer. 86 (1):p15-23 April 1, 2000
ISSN: 0020-7136
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

4/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

12411440 BIOSIS NO.: 200000164942
Calcium signals in prostate cancer cells: Specific activation by
bone-matrix proteins.
AUTHOR: Lecrone V; Li W; Devoll R E; Logothetis C; Farach-Carson M C(a)

AUTHOR ADDRESS: (a)Department of Biological Sciences, University of
Delaware, 304 Wolf Hall, Newark, DE 19716**USA
2000
JOURNAL: Cell Calcium. 27 (1):p35-42 Jan., 2000
ISSN: 0143-4160
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

4/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

12401209 BIOSIS NO.: 200000154711
alphavbeta3 integrin induces tyrosine phosphorylation-dependent Ca²⁺ influx
in pulmonary endothelial cells.
AUTHOR: Bhattacharya Sunita(a); Ying Xiaoyou; Fu Chenzhong; Patel Rashmi;
Kuebler Wolfgang; Greenberg Steven; Bhattacharya Jahar
AUTHOR ADDRESS: (a)St Luke's-Roosevelt Hospital Center, 1000 10th Ave., New
York, NY, 10019**USA
2000
JOURNAL: Circulation Research. 86 (4):p456-462 March 3, 2000
ISSN: 0009-7330
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

4/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

12368238 BIOSIS NO.: 200000121740
Vascular expression of the alphavbeta3-integrin in lung and other organs.
AUTHOR: Singh Baljit; Fu Chenzhong; Bhattacharya Jahar(a)
AUTHOR ADDRESS: (a)St. Luke's-Roosevelt Hospital Center, Columbia College
of Physicians and Surgeons, 1000 10th Ave., New York, NY, 10019**USA
2000
JOURNAL: American Journal of Physiology 278 (1 part 1):pL217-L226 Jan.,
2000
ISSN: 0002-9513
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

4/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

12367607 BIOSIS NO.: 200000121109
Inhibition of corneal neovascularization by alphav-integrin antagonists in
the rat.
AUTHOR: Klotz Oliver; Park Joon-Keun; Hartmann Christian; Baatz Holger(a)
AUTHOR ADDRESS: (a)Department of Ophthalmology, Campus Virchow-Klinikum,
University Hospital Charite, Augustenburger Platz I, D-13353, Berlin**
Germany
2000
JOURNAL: Graefe's Archive for Clinical and Experimental Ophthalmology 238
(1):p88-93 Jan., 2000
ISSN: 0721-832X
DOCUMENT TYPE: Article

RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

4/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

12358108 BIOSIS NO.: 200000111610
Monoclonal antibodies to alphaVbeta3 (7E3 and **LM609**) inhibit sickle
red blood cell-endothelium interactions induced by platelet-activating
factor.
AUTHOR: Kaul D K(a); Tsai H M; Liu X D; Nakada M T; Nagel R L; Collier B S
AUTHOR ADDRESS: (a)Department of Medicine, Albert Einstein College of
Medicine, 1300 Morris Park Ave, Bronx, NY, 10461**USA
2000
JOURNAL: Blood 95 (2):p368-374 Jan. 15, 2000
ISSN: 0006-4971
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

4/3/7 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

12312407 BIOSIS NO.: 200000070274
Fibrin gel induces the migration of smooth muscle cells from rabbit aortic
explants.
AUTHOR: Nomura Hideki; Naito Michitaka(a); Iguchi Akihisa; Thompson W
Douglas; Smith Elspeth B
AUTHOR ADDRESS: (a)Department of Geriatrics, Nagoya University Graduate
School of Medicine, 65 Tsuruma-cho, Showa-ku, Nagoya, 466-8550**Japan
1999
JOURNAL: Thrombosis and Haemostasis 82 (4):p1347-1352 Oct., 1999
ISSN: 0340-6245
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

4/3/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

12229917 BIOSIS NO.: 199900524766
Engagement of the vitronectin receptor (alphaVbeta3) induces prostacyclin
formation by human umbilical vein endothelial cells (HUVEC).
AUTHOR: Murphy Joseph F(a); Harriot Patrick; Fitzgerald Desmond J(a)
AUTHOR ADDRESS: (a)Royal Coll. Surgeons Ireland, Dublin**Ireland
1998
JOURNAL: Circulation 98 (17 SUPPL.):pI796 Oct. 27, 1998
CONFERENCE/MEETING: 71st Scientific Sessions of the American Heart
Association Dallas, Texas, USA November 8-11, 1998
SPONSOR: The American Heart Association
ISSN: 0009-7322
RECORD TYPE: Citation
LANGUAGE: English

4/3/9 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

12213252 BIOSIS NO.: 199900508101

The integrin specificity of human recombinant osteopontin.

AUTHOR: Caltabiano Stephen(a); Hum Wah-Tung; Attwell Gwilym J; Gralnick

David N; Budman Lori J; Cannistraci AnnaMarie; Bex Frederick J

AUTHOR ADDRESS: (a)Clinical Pharmacology, Addenbrooke's Centre for Clinical Investigation, SmithKline Beecham Pharmaceuticals, Addenbrooke's Hospital, Hills Road, Cambridge, CB2 2GG**UK

1999

JOURNAL: Biochemical Pharmacology 58 (10):p1567-1578 Nov. 15, 1999

ISSN: 0006-2952

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

4/3/10 (Item 10 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

12213188 BIOSIS NO.: 199900508037

Glycoprotein Ibalph can mediate endothelial cell migration on von Willebrand factor-containing substrata.

AUTHOR: Lian Jie; Guoping Cai; Shapiro Sandor S; Tran Linh-Phuong; Beacham Dorothy A(a)

AUTHOR ADDRESS: (a)Cardeza Foundation for Hematologic Research, Medical College of Thomas Jefferson University, 1015 Walnut Street, Philadelphia, PA, 19107-5099**USA

1999

JOURNAL: Experimental Cell Research 252 (1):p114-122 Oct. 10, 1999

ISSN: 0014-4827

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

4/3/11 (Item 11 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

12212721 BIOSIS NO.: 199900507570

c7E3 Fab (abciximab) inhibits the migration of vascular smooth muscle cells via the alphavbeta3 integrin: A possible explanation for prevention of restenosis.

AUTHOR: Baron Julia H; Moiseeva Elena P; Azrin Michael A; Ezekowitz Michael D; De Bono David P; Gershlick Anthony H

AUTHOR ADDRESS: Univ. Leicester, Leicester**UK

1998

JOURNAL: Circulation 98 (17 SUPPL.):pI809 Oct. 27, 1998

CONFERENCE/MEETING: 71st Scientific Sessions of the American Heart Association Dallas, Texas, USA November 8-11, 1998

SPONSOR: The American Heart Association

ISSN: 0009-7322

RECORD TYPE: Citation

LANGUAGE: English

4/3/12 (Item 12 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

12135906 BIOSIS NO.: 199900430755

Activation-dependent adhesion of human platelets to Cyr61 and Fisp12/mouse

connective tissue growth factor is mediated through integrin
alphaIIb beta3.

AUTHOR: Jedsadayanmata Arom; Chen Chih-Chiun; Kireeva Maria L; Lau Lester F
; Lam Stephen C-T(a)

AUTHOR ADDRESS: (a)Dept. of Pharmacology (M/C 868), University of Illinois,
835 S. Wolcott Ave., Chicago, IL, 60612**USA
1999

JOURNAL: Journal of Biological Chemistry 274 (34):p24321-24327 Aug. 20,
1999

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

4/3/13 (Item 13 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

11937852 BIOSIS NO.: 199900183961

Remote dilation and shear rate responses with no donors of integrin
stimulation.

AUTHOR: Frame Mary D S; Higashi Eric T

AUTHOR ADDRESS: Dep. Anesthesiol., Univ. Rochester, Rochester, NY 14642**
USA

1999

JOURNAL: FASEB Journal 13 (4 PART 1):pA14 March 12, 1999

CONFERENCE/MEETING: Annual Meeting of the Professional Research Scientists
for Experimental Biology 99 Washington, D.C., USA April 17-21, 1999

ISSN: 0892-6638

RECORD TYPE: Citation

LANGUAGE: English

4/3/14 (Item 14 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

11925417 BIOSIS NO.: 199900171526

Fowl vascular smooth muscle (VSM) cell migration is inhibited by integrin
antagonists.

AUTHOR: Kuykindoll R J; Nishimura H

AUTHOR ADDRESS: Dep. Physiol., Univ. Tennessee, Memphis, TN 38163**USA

1999

JOURNAL: FASEB Journal 13 (4 PART 1):pA204 March 12, 1999

CONFERENCE/MEETING: Annual Meeting of the Professional Research Scientists
for Experimental Biology 99 Washington, D.C., USA April 17-21, 1999

ISSN: 0892-6638

RECORD TYPE: Citation

LANGUAGE: English

4/3/15 (Item 15 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

11754872 BIOSIS NO.: 199900000981

Fluid shear stress activation of IkappaB kinase is integrin-dependent.

AUTHOR: Bhullar Indermeet S; Li Yi-Shuan; Miao Hui; Zandi Ebrahim; Kim Mike
; Shyy John Y-J; Chien Shu(a)

AUTHOR ADDRESS: (a)Dep. Bioeng., Univ. Calif. at San Diego, 9500 Gilman
Drive, La Jolla, CA 92093-0412**USA

1998

JOURNAL: Journal of Biological Chemistry 273 (46):p30544-30549 Nov. 13,
1998

ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/16 (Item 16 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11647701 BIOSIS NO.: 199800429432
Role of betal and beta3 integrins in human smooth muscle cell adhesion to
and contraction of fibrin clots in vitro.
AUTHOR: Yee Karen O(a); Rooney Michael M; Giachelli Cecilia M; Lord Susan T
; Schwartz Stephen M
AUTHOR ADDRESS: (a)Univ. Washington, Box 357335, Seattle, WA 98195**USA
1998
JOURNAL: Circulation Research 83 (3):p241-251 Aug., 1998
ISSN: 0009-7330
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/17 (Item 17 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11628105 BIOSIS NO.: 199800410735
Integrin alphavbeta5 participates in the binding of photoreceptor rod outer
segments during phagocytosis by cultured human retinal pigment
epithelium.
AUTHOR: Lin Hai; Clegg Dennis O(a)
AUTHOR ADDRESS: (a)Neurosci. Res. Inst., Univ. Calif., Santa Barbara, CA
93106**USA
1998
JOURNAL: IOVS 39 (9):p1703-1712 Aug., 1998
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/18 (Item 18 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11582325 BIOSIS NO.: 199800363021
A phage display approach for rapid antibody humanization: Designed
combinatorial V gene libraries.
AUTHOR: Rader Christoph; Chereshi David A; Barbas Carlos F III(a)
AUTHOR ADDRESS: (a)Scripps Res. Inst., BCC-515, 10550 North Torrey Pines
Road, La Jolla, CA 92037**USA
1998
JOURNAL: Proceedings of the National Academy of Sciences of the United
States of America 95 (15):p8910-8915 July 21, 1998
ISSN: 0027-8424
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/19 (Item 19 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11576426 BIOSIS NO.: 199800357122

Inhibition of platelet-mediated clot retraction by integrin antagonists.
AUTHOR: Hantgan Roy R; Mousa Shaker A(a)
AUTHOR ADDRESS: (a)DuPont Merck Pharm. Co., Exp. Stn. E400/3456,
Wilmington, DE 19880-0400**USA
1998
JOURNAL: Thrombosis Research 89 (6):p271-279 March 15, 1998
ISSN: 0049-3848
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/20 (Item 20 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11517884 BIOSIS NO.: 199800299216
An improved method for the quantitation of cellular migration: Role of
alphavbeta3 integrin in endothelial and smooth muscle cell migration.
AUTHOR: Bozarth Jeffrey M; Penno Margaret B; Mousa Shaker A(a)
AUTHOR ADDRESS: (a)Du Pont Merck Pharm. Co., Exp. Stn. E400/3456,
Wilimington, DE 19880-0400**USA
1997
JOURNAL: Methods in Cell Science 19 (3):p179-187 1997
ISSN: 1381-5741
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/21 (Item 21 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11514991 BIOSIS NO.: 199800296323
Stepwise in vitro affinity maturation of Vitaxin, an alphavbeta3-specific
humanized mAb.
AUTHOR: Wu Herren; Beuerlein Gregory; Nie Ying; Smith Heidi; Lee Bruce A;
Hensler Mary; Huse William D; Watkins Jeffry D(a)
AUTHOR ADDRESS: (a)Ixsys Inc., 3520 Dunhill St., San Diego, CA 92121**USA
1998
JOURNAL: Proceedings of the National Academy of Sciences of the United
States of America 95 (11):p6037-6042 May 26, 1998
ISSN: 0027-8424
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/22 (Item 22 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11478112 BIOSIS NO.: 199800259444
Detection of tumor angiogenesis in vivo by alphavbeta3-targeted magnetic
resonance imaging.
AUTHOR: Sipkins Dorothy A(a); Cheresh David A; Kazemi Mahmood R; Nevin
Linda M; Bednarski Mark D; Li King C P
AUTHOR ADDRESS: (a)Lucas MRS Res. Cent., Dep. Radiol., Stanford Univ. Sch.
Med., Stanford, CA 94305**USA
1998
JOURNAL: Nature Medicine 4 (5):p623-626 May, 1998
ISSN: 1078-8956
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/23 (Item 23 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11388123 BIOSIS NO.: 199800169455

The Arg-Gly-Asp motif in the cell adhesion molecule L1 promotes neurite outgrowth via interaction with the alphavbeta3 integrin.

AUTHOR: Yip Paul M; Zhao Xiaoning; Montgomery Anthony M P; Siu Chi-Hung(a)

AUTHOR ADDRESS: (a)Charles H. Best Inst., Univ. Toronto, 112 College St., Toronto, ON M5G 1L6**Canada

1998

JOURNAL: Molecular Biology of the Cell 9 (2):p277-290 Feb., 1998

ISSN: 1059-1524

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

4/3/24 (Item 24 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11334542 BIOSIS NO.: 199800115874

Adhesion of human umbilical vein endothelial cells to the immediate-early gene product Cyr6 is mediated through integrin alphavbeta3.

AUTHOR: Kireeva Maria L; Lam Stephen C-T; Lau Lester F(a)

AUTHOR ADDRESS: (a)Dep. Molecular Genetics, Univ. Illinois Chicago, 900 South Ashland Ave., Chicago, IL 60607-7170**USA

1998

JOURNAL: Journal of Biological Chemistry 273 (5):p3090-3096 Jan. 30, 1998

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

4/3/25 (Item 25 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11307563 BIOSIS NO.: 199800088895

Colony stimulating factor-1-induced osteoclast spreading depends on substrate and requires the vitronectin receptor and the c-src proto-oncogene.

AUTHOR: Teti Anna(a); Taranta Anna; Migliaccio Silvia; Degiorgi Annamaria; Santandrea Elena; Villanova Ida; Faraggiana Tulio; Chellaih Meena; Huska Keith A

AUTHOR ADDRESS: (a)Dep. Experimental Med., Univ. L'Aquila, Via Vetoio-Coppito 1, 67100 L'Aquila**Italy

1998

JOURNAL: Journal of Bone and Mineral Research 13 (1):p50-58 Jan., 1998

ISSN: 0884-0431

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

4/3/26 (Item 26 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11238498 BIOSIS NO.: 199800019830

Characterization of endothelial cell adhesion to fibrinogen.

AUTHOR: Smith R A(a); Mosesson M W; Rooney M M; Lord S T; Daniels A U(a);

Gartner T K
AUTHOR ADDRESS: (a)Univ. TN-Campbell Clinic Dep. Orthopaedic Surg., Univ.
TN-Memphis, Memphis, TN 38163**USA
1997
JOURNAL: Molecular Biology of the Cell 8 (SUPPL.):p69A Nov., 1997
CONFERENCE/MEETING: 37th Annual Meeting of the American Society for Cell
Biology Washington, D.C., USA December 13-17, 1997
SPONSOR: American Society for Cell Biology
ISSN: 1059-1524
RECORD TYPE: Citation
LANGUAGE: English

4/3/27 (Item 27 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11237542 BIOSIS NO.: 199800018874
The effects of an alpha|v beta3 integrin antibody, **LM609**, on vascular
smooth muscle migration and neointimal formation in the rabbit.
AUTHOR: Willette Robert N; Sauermelch Charles F; Yue Tian-Li; Jonak Zdenka
L; Louden Calvert; Kapadia Rasesh; Ohlstein Eliot H
AUTHOR ADDRESS: Smithkline Beecham Pharm., King of Prussia, PA**USA
1997
JOURNAL: Circulation 96 (8 SUPPL.):pI668 10/21/97, 1997
CONFERENCE/MEETING: 70th Scientific Sessions of the American Heart
Association Orlando, Florida, USA November 9-12, 1997
ISSN: 0009-7322
RECORD TYPE: Citation
LANGUAGE: English

4/3/28 (Item 28 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11228338 BIOSIS NO.: 199800009670
Dissociation between the anti-aggregatory and anti-secretory effects of
platelet integrin alphaIIb beta3 (GPIIb/IIIa) antagonists, c7E3 and
DMP728.
AUTHOR: Tsao Peter W; Forsythe Mark S; Mousa Shaker A(a)
AUTHOR ADDRESS: (a)DuPont Merck Pharm. Co., Route 141 Henry Clay Rd.,
Experimental Stn., Wilmington, DE 19880-0400**USA
1997
JOURNAL: Thrombosis Research 88 (2):p137-146 Oct. 15, 1997
ISSN: 0049-3848
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/29 (Item 29 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11127907 BIOSIS NO.: 199799749052
Vitronectin receptor (alpha-v-beta-3) mediates platelet adhesion to the
luminal aspect of endothelial cells: Implications for reperfusion in
acute myocardial infarction.
AUTHOR: Gawaz Meinrad(a); Nuemann Franz-Josef; Dickfeld Timm; Reininger
Armin; Adelsberger Helmut; Gebhardt Adrian; Schoemig Albert
AUTHOR ADDRESS: (a)1. Medizinische Klinik Tech. Univ. Muenchen, Klinikum
rechts der Isar, Ismaninger Str. 22, 81675**Germany
1997
JOURNAL: Circulation 96 (6):p1809-1818 1997
ISSN: 0009-7322

RECORD TYPE: Abstract
LANGUAGE: English

4/3/30 (Item 30 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11080817 BIOSIS NO.: 199799701962
Lactadherin (formerly BA46), a membrane-associated glycoprotein expressed in human milk and breast carcinomas, promotes Arg-Gly-Asp (RGD)-dependent cell adhesion.
AUTHOR: Taylor Michael R; Couto Joseph R; Scallan Ciaran D; Ceriani Roberto L; Peterson Jerry A(a)
AUTHOR ADDRESS: (a)Cancer Res. Fund Contra Costa, 2055 N. Broadway, Walnut Creek, CA 94596**USA
1997
JOURNAL: DNA and Cell Biology 16 (7):p861-869 1997
ISSN: 1044-5498
RECORD TYPE: Abstract
LANGUAGE: English

4/3/31 (Item 31 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11080530 BIOSIS NO.: 199799701675
Changing ligand specificities of alpha-v-beta-1 and alpha-v-beta-3 integrins by swapping a short diverse sequence of the beta subunit.
AUTHOR: Takagi Junichi; Kamata Tetsuji; Meredith Jere; Puzon-Mclaughlin Wilma; Takada Yoshikazu(a)
AUTHOR ADDRESS: (a)Dep. Vascular Biol., VB-1, Scripps Res. Inst., 10550 N. Torrey Pines Rd., La Jolla, CA 92037**USA
1997
JOURNAL: Journal of Biological Chemistry 272 (32):p19794-19800 1997
ISSN: 0021-9258
RECORD TYPE: Abstract
LANGUAGE: English

4/3/32 (Item 32 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

11032869 BIOSIS NO.: 199799654014
A three amino acid deletion in glycoprotein IIIa is responsible for type I Glanzmann's thrombasthenia: Importance of residues Ile-325Pro-326Gly-327 for beta-3 integrin subunit association.
AUTHOR: Morel-Kopp Marie-Christine; Kaplan Cecile; Proulle Valerie; Jallu Vincent; Melchior Chantal; Peyruchaud Olivier; Aurousseau Marie-Helene; Kieffer Nelly(a)
AUTHOR ADDRESS: (a)Lab. Franco-Luxembourgeois de Recherche Biomedicale, Cent. Univ., 162 A avenue de la Faiencerie,**Luxembourg
1997
JOURNAL: Blood 90 (2):p669-677 1997
ISSN: 0006-4971
RECORD TYPE: Abstract
LANGUAGE: English

4/3/33 (Item 33 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10970835 BIOSIS NO.: 199799591980

Cytokine treatment of endothelial cells increases glycoprotein
Ib-alpha-dependent adhesion to von Willebrand factor.
AUTHOR: Beacham Dorothy A(a); Tran Linh-Phuong; Shapiro Sandor S
AUTHOR ADDRESS: (a)Cardeza Foundation Hematologic Res., Dep. Med.,
Jefferson Med. Coll. Thomas Jefferson Univ., Phi**USA
1997
JOURNAL: Blood 89 (11):p4071-4077 1997
ISSN: 0006-4971
RECORD TYPE: Abstract
LANGUAGE: English

4/3/34 (Item 34 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10937833 BIOSIS NO.: 199799558978
Metanephric osteopontin regulates nephrogenesis in vitro.
AUTHOR: Rogers Sharon A; Padanilam Babu J; Hruska Keith A; Giachelli
Cecilia M; Hammerman Marc R(a)
AUTHOR ADDRESS: (a)Renal Division, P.O. Box 8126, Washington Univ. Sch.
Med., 660 South Euclid Ave., St. Louis, MO **USA
1997
JOURNAL: American Journal of Physiology 272 (4 PART 2):pF469-F476 1997
ISSN: 0002-9513
RECORD TYPE: Abstract
LANGUAGE: English

4/3/35 (Item 35 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10930909 BIOSIS NO.: 199799552054
Immunohistochemical analysis of integrin alpha-v-beta-3 expression on
tumor-associated vessels of human carcinomas.
AUTHOR: Max Regina; Gerritsen Roland R C M; Nooijen Peet T G A; Goodman
Simon L; Sutter Arne; Keilholz Ulrich; Ruiter Dirk J; De Waal Robert M W
(a)
AUTHOR ADDRESS: (a)Dep. Pathol., Univ. Hosp. Nijmegen, P.O. Box 9101, 6500
HB Nijmegen**Netherlands
1997
JOURNAL: International Journal of Cancer 71 (3):p320-324 1997
ISSN: 0020-7136
RECORD TYPE: Abstract
LANGUAGE: English

4/3/36 (Item 36 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10846169 BIOSIS NO.: 199799467314
Ultrastructural analysis of the distribution of the vitronectin receptor
(alpha-v-beta-3) in human platelets and megakaryocytes reveals and
intracellular pool and labelling of the alpha-granule membrane.
AUTHOR: Poujol Christel; Nurden Alan T; Nurden Paquita
AUTHOR ADDRESS: UMR 5533 CNRS, Lab. d'Hemobiol., Hop. Cardiol., 33604
Pessac**France
1997
JOURNAL: British Journal of Haematology 96 (4):p823-835 1997
ISSN: 0007-1048
RECORD TYPE: Abstract
LANGUAGE: English

4/3/37 (Item 37 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10817213 BIOSIS NO.: 199799438358
Mammalian expression and characterization of a dimeric single chain
antibody specific for integrin av-beta-3.
AUTHOR: Beidler Catherine
AUTHOR ADDRESS: IXSYS Incorporated, San Diego, CA 92121**USA
1996
JOURNAL: Immunotechnology (Amsterdam) 2 (4):p297 1996
CONFERENCE/MEETING: 1996 Keystone Meeting on Exploring and Exploiting
Antibody and Ig Superfamily Combining Sites Taos, New Mexico, USA
February 22-28, 1996
ISSN: 1380-2933
RECORD TYPE: Citation
LANGUAGE: English

4/3/38 (Item 38 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10784080 BIOSIS NO.: 199799405225
In vitro effects of the platelet glycoprotein IIb/IIIa receptor antagonist
c7E3 Fab on the activated clotting time.
AUTHOR: Ammar Tameshwar(a); Scudder Lesley E; Collier Barry S
AUTHOR ADDRESS: (a)Mount Sinai Med. Center, Dep. Anesthesiology, Box 1010,
One Gustave L. Levy Place, New York, NY **USA
1997
JOURNAL: Circulation 95 (3):p614-617 1997
ISSN: 0009-7322
RECORD TYPE: Abstract
LANGUAGE: English

4/3/39 (Item 39 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10716569 BIOSIS NO.: 199799337714
Cell migration promoted by a potent GRGDS-containing thrombin-cleavage
fragment of osteopontin.
AUTHOR: Senger Donald R(a); Perruzzi Carole A
AUTHOR ADDRESS: (a)Dep. Pathol., Beth Israel Hosp., 330 Brookline Ave.,
Boston, MA 02215**USA
1996
JOURNAL: Biochimica et Biophysica Acta 1314 (1-2):p13-24 1996
ISSN: 0006-3002
RECORD TYPE: Abstract
LANGUAGE: English

4/3/40 (Item 40 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10679742 BIOSIS NO.: 199799300887
A monoclonal antibody (7E3) directed against alpha,beta-3 integrins
inhibits proliferation of cultured vascular smooth muscle cells.
AUTHOR: Stouffer George A; Sajid Mansoor A; Hu Zhaoyong; Jin Guifang
1996
JOURNAL: Annals of Hematology 73 (SUPPL. 1):pS54 1996
CONFERENCE/MEETING: International Symposium on Update in Thrombolysis
Heidelberg, Germany September 13-14, 1996
ISSN: 0939-5555

RECORD TYPE: Citation
LANGUAGE: English

4/3/41 (Item 41 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10634947 BIOSIS NO.: 199699256092
Thrombospondin modulates alpha-v-beta-3 function through
integrin-associated protein.
AUTHOR: Gao Ai-Guo; Lindberg Frederik P; Dimitry Julie M; Brown Eric J;
Frazier William A(a)
AUTHOR ADDRESS: (a)Biochem. Molecular Biophysics, Box 8231, Washington
Univ. Med. Sch., 660 S. Euclid Avenue, St. L**USA
1996
JOURNAL: Journal of Cell Biology 135 (2):p533-544 1996
ISSN: 0021-9525
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/42 (Item 42 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10580863 BIOSIS NO.: 199699202008
Integrin beta-3 cDNA transfection into a highly metastatic
alpha-v-beta-3-negative human melanoma cell line inhibits invasion and
experimental metastasis.
AUTHOR: Danen Erik H J(a); Van Kraats Annemieke A; Cornelissen Ine M H A;
Ruiter Dirk J; Van Muijen Goos N P
AUTHOR ADDRESS: (a)Lab. Developmental Biol., NIDR, NIH, Bethesda, MD**USA
1996
JOURNAL: Biochemical and Biophysical Research Communications 226 (1):p
75-81 1996
ISSN: 0006-291X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/43 (Item 43 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10525674 BIOSIS NO.: 199699146819
Inhibition of platelet-mediated, tissue factor-induced thrombin generation
by the mouse/human chimeric 7E3 antibody.
AUTHOR: Reverter J C; Beguin S; Kessels H; Kumar R; Hemker H C; Coller B S
(a)
AUTHOR ADDRESS: (a)Dep. Med., Mount Sinai Sch. Med., One Gustave L. Levy
Place, New York, NY 10029**USA
1996
JOURNAL: Journal of Clinical Investigation 98 (3):p863-874 1996
ISSN: 0021-9738
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/44 (Item 44 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10237295 BIOSIS NO.: 199698692213
Integrin alpha-v-beta-3 mediates chemotactic and haptotactic motility in human melanoma cells through different signaling pathways.
AUTHOR: Aznavoorian Sadie(a); Stracke Mary L; Parsons Jonathan; McClanahan Julie; Liotta Lance A
AUTHOR ADDRESS: (a)National Inst. Health, National Cancer Inst., Lab. Pathol., Building 10, Room 2A33, Bethesda, MD**USA
1996
JOURNAL: Journal of Biological Chemistry 271 (6):p3247-3254 1996
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/45 (Item 45 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10064065 BIOSIS NO.: 199598518983
Antiintegrin alpha-v-beta-3 blocks human breast cancer growth and angiogenesis in human skin.
AUTHOR: Brooks Peter C(a); Stromblad Staffan; Klemke Richard; Visscher Daniel; Sarkar Fazlul H; Cheresch David A
AUTHOR ADDRESS: (a)Dep. Immunol. Vascular Biol., Scripps Research Inst., 10666 North Torrey Pines Road, La Jolla, C**USA
1995
JOURNAL: Journal of Clinical Investigation 96 (4):p1815-1822 1995
ISSN: 0021-9738
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/46 (Item 46 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10061899 BIOSIS NO.: 199598516817
Ligation of endothelial alpha-v-beta-3 integrin increases capillary hydraulic conductivity of rat lung.
AUTHOR: Tsukada Hiroshi; Ying Xiaoyou; Fu Chenzhong; Ishikawa Shigemi; McKeown-Longo Paula; Albelda Steven; Bhattacharya Sunita; Bray Bonnie Anderson; Bhattacharya Jahar(a)
AUTHOR ADDRESS: (a)Columbia Univ., St. Luke's-Roosevelt Hosp. Cent., 1000 10th Avenue, New York, NY 10019**USA
1995
JOURNAL: Circulation Research 77 (4):p651-659 1995
ISSN: 0009-7330
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/47 (Item 47 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

10015334 BIOSIS NO.: 199598470252
An anti-alpha-v-integrin antibody that blocks integrin function inhibits the development of a human melanoma in nude mice.
AUTHOR: Mitjans Francesc; Sander Diane; Adan Jaime; Sutter Arne; Martinez Josep M; Jaeggler Carlota-S; Moyano Josep M; Kreysch Hans-Georg; Piultas Jaime; Goodman Simon L(a)
AUTHOR ADDRESS: (a)E. Merck, Pre Clinical Pharmaceutcial Res., Frankfurterstrasse 250, 64217 Darmstadt**Germany

1995
JOURNAL: Journal of Cell Science 108 (8):p2825-2838 1995
ISSN: 0021-9533
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/48 (Item 48 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

09948697 BIOSIS NO.: 199598403615
An antagonist of integrin alpha-v-beta-3 prevents maturation of blood vessels during embryonic neovascularization.
AUTHOR: Drake Christopher J; Cheresch David A; Little Charles D(a)
AUTHOR ADDRESS: (a)Dep. Cell Biol., Cardiovascular Dev. Biol. Cent., Med. Univ. South Carolina, 171 Ashley Ave., Ch**USA
1995

JOURNAL: Journal of Cell Science 108 (7):p2655-2661 1995
ISSN: 0021-9533
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/49 (Item 49 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

09947923 BIOSIS NO.: 199598402841
Soluble ligands of the alpha-v-beta-3 integrin mediate enhanced tyrosine phosphorylation of multiple proteins in adherent bovine pulmonary artery endothelial cells.
AUTHOR: Bhattacharya Sunita(a); Fu Chenzhong; Bhattacharya Jahar; Greenberg Steven
AUTHOR ADDRESS: (a)Roosevelt Hosp., 428 West 59th St., New York, NY 10019**USA
1995

JOURNAL: Journal of Biological Chemistry 270 (28):p16781-16787 1995
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/50 (Item 50 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

09853511 BIOSIS NO.: 199598308429
Differential regulation of integrin-mediated proplatelet formation and megakaryocyte spreading.
AUTHOR: Leven Robert M
AUTHOR ADDRESS: Dep. Anatomy, Rush-Presbyterian-St. Luke's Med. Cent., 1653 West Congress Parkway, Chicago, IL 60612**USA
1995

JOURNAL: Journal of Cellular Physiology 163 (3):p597-607 1995
ISSN: 0021-9541
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/51 (Item 51 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

09795582 BIOSIS NO.: 199598250500

An antibody to the integrin alpha-v-beta-3 inhibits ocular angiogenesis.

AUTHOR: Friedlander M; Shaffer R; Kincaid C; Brooks P; Cheresh D

AUTHOR ADDRESS: Dep. Cell Biology, Scripps Res. Inst., La Jolla, CA**USA
1995

JOURNAL: Investigative Ophthalmology & Visual Science 36 (4):pS1047 1995

CONFERENCE/MEETING: Annual Meeting of the Investigative Ophthalmology and
Visual Science Fort Lauderdale, Florida, USA May 14-19, 1995

ISSN: 0146-0404

RECORD TYPE: Citation

LANGUAGE: English

4/3/52 (Item 52 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

09685089 BIOSIS NO.: 199598140007

Expression of vitronectin receptor on human NK cells and its role in
protein phosphorylation, cytokine production, and cell proliferation.

AUTHOR: Rabinowich Hannah; Lin Wen-Chang; Amoscato Andrew; Herberman Ronald
B; Whiteside Theresa L(a)

AUTHOR ADDRESS: (a)Pittsburgh Cancer Inst., W1041 Biomed. Sci. Tower,
DeSoto at O'Hara St., Pittsburgh, PA 15213**USA
1995

JOURNAL: Journal of Immunology 154 (3):p1124-1135 1995

ISSN: 0022-1767

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

4/3/53 (Item 53 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

09314935 BIOSIS NO.: 199497323305

Adhesive properties of osteopontin: Regulation by a naturally occurring
thrombin-cleavage in close proximity to the GRGDS cell-binding domain.

AUTHOR: Senger Donald R(a); Perruzzi Carole A; Papadopoulos-Sergiou Ageliki
; Van De Water Livingston

AUTHOR ADDRESS: (a)Dep. Pathol., Beth Israel Hosp. Harvard Med. Sch.,
Boston, MA 02215**USA

1994

JOURNAL: Molecular Biology of the Cell 5 (5):p565-574 1994

ISSN: 1059-1524

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

4/3/54 (Item 54 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

09211836 BIOSIS NO.: 199497220206

Soluble alpha-v-beta-3-integrin ligands raise (Ca-2+) in rat osteoclasts
and mouse-derived osteoclast-like cells.

AUTHOR: Zimolo Zoran; Wesolowski Gregg; Tanaka Hirofumi; Hyman Jon L; Hoyer
John R; Rodan Gideon A(a)

AUTHOR ADDRESS: (a)Dep. Bone Biol. Osteoporosis Res., Merck Res. Lab., West
Point, PA 19486**USA

1994

JOURNAL: American Journal of Physiology 266 (2 PART 1):pC376-C381 1994

ISSN: 0002-9513
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/55 (Item 55 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

09136843 BIOSIS NO.: 199497145213
Inhibition of neointimal hyperplasia by blocking alpha-v-beta-3 integrin with a small peptide antagonist GpenGRGDSPCA.
AUTHOR: Choi Eric T; Engel Leslie; Callow Allan D(a); Sun Shaping; Trachtenberg Jeffrey; Santoro Sam; Ryan Una S
AUTHOR ADDRESS: (a)Dep. Surg., Washington Univ. Sch. Med., 4960 Children's Place, Box 8109, St. Louis, MO 63110**USA
1994
JOURNAL: Journal of Vascular Surgery 19 (1):p125-134 1994
ISSN: 0741-5214
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/56 (Item 56 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

09097775 BIOSIS NO.: 199497106145
Amino terminal regions of the alpha-subunits of GPIIB-IIIA and the vitronectin receptor possess the epitopes for the complex-specific antibodies A2A9 and **LM609**, respectively.
AUTHOR: Shimomura Takeshi(a); Vincent Diana(a); Fujimura Kingo(a); Kuramoto Atsushi(a); Phillips David R; Conley Pamela B(a)
AUTHOR ADDRESS: (a)COR Therapeutics Inc., South San Francisco, CA**USA
1993
JOURNAL: Blood 82 (10 SUPPL. 1):p75A 1993
CONFERENCE/MEETING: Thirty-fifth Annual Meeting of the American Society of Hematology St. Louis, Missouri, USA December 3-7, 1993
ISSN: 0006-4971
RECORD TYPE: Citation
LANGUAGE: English

4/3/57 (Item 57 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

08957750 BIOSIS NO.: 199396109251
Endothelial cell attachment and spreading on human tenascin is mediated by alpha-2-beta-1 and alpha-v-beta-3 integrins.
AUTHOR: Sriramarao P; Mendler Markus; Bourdon Mario A(a)
AUTHOR ADDRESS: (a)La Jolla Inat. Experimental Med., 11077 N. Torrey Pines Rd., La Jolla, CA 92037**USA
1993
JOURNAL: Journal of Cell Science 105 (4):p1001-1012 1993
ISSN: 0021-9533
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

4/3/58 (Item 58 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

08746397 BIOSIS NO.: 199395035748

Thrombospondin mediates adherence of CD36-positive sickle reticulocytes to endothelial cells.

AUTHOR: Sugihara Keiko; Sugihara Takashi; Mohandas Narla; Hebbel Robert 1 (a)

AUTHOR ADDRESS: (a)Box 480 UMHC, University Minnesota, Harvard St. at E. River Road, Minneapolis, Minn. 55455
1992

JOURNAL: Blood 80 (10):p2634-2642 1992

ISSN: 0006-4971

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

4/3/59 (Item 59 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

08740047 BIOSIS NO.: 199395029398

Human melanoma cells derived from lymphatic metastases use integrin alpha-v-beta-3 to adhere to lymph node vitronectin.

AUTHOR: Nip John; Shibata Henry; Loskutoff David J; Cheresh David A; Brodt Pnina(a)

AUTHOR ADDRESS: (a)Dep. Surgery, Div. Surgical Res., McGill Univ., Donner Building, 740 Docteur Penfield Ave., Mont**Canada
1992

JOURNAL: Journal of Clinical Investigation 90 (4):p1406-1413 1992

ISSN: 0021-9738

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

4/3/60 (Item 60 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

08182973 BIOSIS NO.: 000094006746

UP-REGULATED BIOSYNTHESIS AND EXPRESSION OF ENDOTHELIAL CELL VITRONECTIN RECEPTOR ENHANCES CANCER CELL ADHESION

AUTHOR: LAFRENIE R M; PODOR T J; BUCHANAN M R; ORR F W

AUTHOR ADDRESS: DEP. PATHOLOGY, MCMASTER UNIV., 1200 MAIN STREET WEST, HAMILTON, ONTARIO L8N 3Z3, CAN.

JOURNAL: CANCER RES 52 (8). 1992. 2202-2208.

FULL JOURNAL NAME: Cancer Research

CODEN: CNREA

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

4/3/61 (Item 61 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2000 BIOSIS. All rts. reserv.

07902488 BIOSIS NO.: 000093001611

RECOGNITION OF OSTEOPONTIN AND RELATED PEPTIDES BY AN ALPHA-V-BETA-3 INTEGRIN STIMULATES IMMEDIATE CELL SIGNALS IN OSTEOCLASTS

AUTHOR: MIYAUCHI A; ALVAREZ J; GREENFIELD E M; TETI A; GRANO M; COLUCCI S; ZAMBONIN-ZALLONE A; ROSS F P; TEITELBAUM S L; CHERESH D; HRUSKA K A

AUTHOR ADDRESS: DEP. MED., JEWISH HOSPITAL WASHINGTON UNIV. MED. CENTER, ST. LOUIS, MO. 63110.

JOURNAL: J BIOL CHEM 266 (30). 1991. 20369-20374.

FULL JOURNAL NAME: Journal of Biological Chemistry

CODEN: JBCHA

RECORD TYPE: Abstract
LANGUAGE: ENGLISH

4/3/62 (Item 62 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

07495279 BIOSIS NO.: 000091069148
PLATELET VITRONECTIN RECEPTOR EXPRESSION DIFFERENTIATES IRAQI-JEWISH FROM
ARAB PATIENTS WITH GLANZMANN THROMBASTHENIA IN ISRAEL
AUTHOR: COLLIER B S; CHERESH D A; ASCH E; SELIGSOHN U
AUTHOR ADDRESS: DIV. HEMATOLOGY, DEP. MED., STATE UNIVERSITY NEW YORK AT
STONY BROOK, STONY BROOK, N.Y. 11794.
JOURNAL: BLOOD 77 (1). 1991. 75-83.
FULL JOURNAL NAME: Blood
CODEN: BLOOA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

4/3/63 (Item 63 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

07430756 BIOSIS NO.: 000091036745
THE VITRONECTIN RECEPTOR ALPHA-V-BETA-3 BINDS FIBRONECTIN AND ACTS IN
CONCERT WITH ALPHA-5-BETA-1 IN PROMOTING CELLULAR ATTACHMENT AND
SPREADING ON FIBRONECTIN
AUTHOR: CHARO I F; NANNIZZI L; SMITH J W; CHERESH D A
AUTHOR ADDRESS: COR THERAPEUTICS, INC., SOUTH SAN FRANCISCO, CALIF 94080.
JOURNAL: J CELL BIOL 111 (6 PART 1). 1990. 2795-2800.
FULL JOURNAL NAME: Journal of Cell Biology
CODEN: JCLBA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

4/3/64 (Item 64 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

06657988 BIOSIS NO.: 000087100165
ISOLATION AND CHARACTERIZATION OF A PLATELET MEMBRANE PROTEIN RELATED TO
THE VITRONECTIN RECEPTOR
AUTHOR: LAM S C-T; PLOW E F; D'SOUZA S E; CHERESH D A; FRELINGER A L III;
GINSBERG M H
AUTHOR ADDRESS: DEP. IMMUNOL., RES. INST. SCRIPPS CLINIC, 10666 N. TORREY
PINES ROAD, LA JOLLA, CALIF. 92037.
JOURNAL: J BIOL CHEM 264 (7). 1989. 3742-3749.
FULL JOURNAL NAME: Journal of Biological Chemistry
CODEN: JBCHA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

4/3/65 (Item 65 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

06603563 BIOSIS NO.: 000087045725
CELL ATTACHMENT TO THROMBOSPONDIN THE ROLE OF ARG-GLY-ASP CALCIUM AND
INTEGRIN RECEPTORS
AUTHOR: LAWLER J; WEINSTEIN R; HYNES R O
AUTHOR ADDRESS: DEP. PATHOL., BRIGHAM AND WOMEN'S HOSP., THORN BIOSCI. RES.
BUILD., 3RD FLOOR, 20 SHATTACK ST., BOSTON, MASS. 02115.

JOURNAL: J CELL BIOL 107 (6 PART 1). 1988. 2351-2362.
FULL JOURNAL NAME: Journal of Cell Biology
CODEN: JCLBA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

4/3/66 (Item 66 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

06096107 BIOSIS NO.: 000085059256
BIOSYNTHETIC AND FUNCTIONAL PROPERTIES OF AN ARG-GLY-ASP-DIRECTED RECEPTOR
INVOLVED IN HUMAN MELANOMA CELL ATTACHMENT TO VITRONECTIN FIBRINOGEN AND
VON WILLEBRAND FACTOR
AUTHOR: CHERESH D A; SPIRO R C
AUTHOR ADDRESS: DEP. IMMUNOL., RES. INST. SCRIPPS CLINIC, 10666 TORREY
PINES RD., LA JOLLA, CALIF. 92037.
JOURNAL: J BIOL CHEM 262 (36). 1987. 17703-17711.
FULL JOURNAL NAME: Journal of Biological Chemistry
CODEN: JBCHA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

4/3/67 (Item 67 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

06015993 BIOSIS NO.: 000035107356
STRUCTURAL AND FUNCTIONAL PROPERTIES OF A CELL ADHESION RECEPTOR COMPLEX
EXPRESSED BY HUMAN MELANOMA CELLS
AUTHOR: CHERESH D A
AUTHOR ADDRESS: DEP. IMMUNOL., SCRIPPS CLIN. RES. FOUND., 10666 N. TORREY
PINES RD., LA JOLLA, CALIF. 92037, USA.
JOURNAL: SYMPOSIUM ON HUMAN TUMOR ANTIGENS AND SPECIFIC TUMOR THERAPY HELD
AT THE 17TH ANNUAL UCLA (UNIVERSITY OF CALIFORNIA-LOS ANGELES) SYMPOSIA ON
MOLECULAR AND CELLULAR BIOLOGY, KEYSTONE, COLORADO, USA, APRIL 23-30, 1988.
J CELL BIOCHEM 0 (12 PART E). 1988. 115.
CODEN: JCBSD
DOCUMENT TYPE: Meeting
RECORD TYPE: Citation
LANGUAGE: ENGLISH

4/3/68 (Item 68 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2000 BIOSIS. All rts. reserv.

05767873 BIOSIS NO.: 000084116280
HUMAN ENDOTHELIAL CELLS SYNTHESIZE AND EXPRESS AN ARG-GLY-ASP-DIRECTED
ADHESION RECEPTOR INVOLVED IN ATTACHMENT TO FIBRINOGEN AND VON WILLEBRAND
FACTOR
AUTHOR: CHERESH D A
AUTHOR ADDRESS: DEP. IMMUNOL., SCRIPPS CLINIC RES. FOUND., 10666 NORTH
TORREY PINES ROAD, LA JOLLA, CALIF. 92037.
JOURNAL: PROC NATL ACAD SCI U S A 84 (18). 1987. 6471-6475.
FULL JOURNAL NAME: Proceedings of the National Academy of Sciences of the
United States of America
CODEN: PNASA
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

4/3/69 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE

(c) 2000 Elsevier Science B.V. All rts. reserv.

10642569 EMBASE No: 2000107699

Inhibition of corneal neovascularization by alpha(v)-integrin antagonists in the rat

Klotz O.; Park J.-K.; Pleyer U.; Hartmann C.; Baatz H.

H. Baatz, Department of Ophthalmology, Campus Virchow-Klinikum, University Hospital Charite, Augustenburger Platz 1, D-13353 Berlin Germany

AUTHOR EMAIL: holger.baatz@rz.hu-berlin.de

Graefe's Archive for Clinical and Experimental Ophthalmology (GRAEFE'S ARCH. CLIN. EXP. OPHTHALMOL.) (Germany) 2000, 238/1 (88-93)

CODEN: GACOD ISSN: 0721-832X

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 21

4/3/70 (Item 2 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2000 Elsevier Science B.V. All rts. reserv.

10629025 EMBASE No: 2000095774

alpha(v)betainf 3 integrin induces tyrosine phosphorylation-dependent Casup 2sup + influx in pulmonary endothelial cells

Bhattacharya S.; Ying X.; Fu C.; Patel R.; Kuebler W.; Greenberg S.; Bhattacharya J.

Dr. S. Bhattacharya, St Luke's-Roosevelt Hospital Center, 1000 10th Ave, New York, NY 10019 United States

AUTHOR EMAIL: Sb80@columbia.edu

Circulation Research (CIRC. RES.) (United States) 03 MAR 2000, 86/4 (456-462)

CODEN: CIRUA ISSN: 0009-7330

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 40

4/3/71 (Item 3 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2000 Elsevier Science B.V. All rts. reserv.

10613330 EMBASE No: 2000078550

Functional genomic analysis in arthritis-affected cartilage: Yin-Yang regulation of inflammatory mediators by alphainf 5/betainf 1 and alpha(v)/betainf 3 integrins

Attur M.G.; Dave M.N.; Clancy R.M.; Patel I.R.; Abramson S.B.; Amin A.R.

Dr. A.R. Amin, Department of Rheumatology, Hospital for Joint Diseases, 301 East 17th Street, New York, NY 10003 United States

AUTHOR EMAIL: amina01@mcrcr6.med.nyu.edu

Journal of Immunology (J. IMMUNOL.) (United States) 01 MAR 2000, 164/5 (2684-2691)

CODEN: JOIMA ISSN: 0022-1767

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 68

4/3/72 (Item 4 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2000 Elsevier Science B.V. All rts. reserv.

10605502 EMBASE No: 2000070748

Vascular expression of the alpha(v)betainf 3-integrin in lung and other organs

Singh B.; Fu C.; Bhattacharya J.

J. Bhattacharya, St. Luke's-Roosevelt Hospital Center, Columbia Coll. of
Physicians/Surg., 1000 10th Ave., New York, NY 10019 United States
AUTHOR EMAIL: jlb39@columbia.edu
American Journal of Physiology - Lung Cellular and Molecular Physiology (AM. J. PHYSIOL. LUNG CELL. MOL. PHYSIOL.) (United States) 2000, 278/1
22-1 (L217-L226)
CODEN: APLPE ISSN: 1040-0605
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 22

4/3/73 (Item 5 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

07817935 EMBASE No: 1999290341
Activation-dependent adhesion of human platelets to Cyr61 and
Fispl2/mouse connective tissue growth factor is mediated through integrin
alpha(IIb)betainf 3
Jedsadayamata A.; Chen C.-C.; Kireeva M.L.; Lau L.F.; Lam S.C.-T.
S.C.-T. Lam, Dept. of Pharmacology, M/C 868, University of Illinois, 835
S. Wolcott Ave., Chicago, IL 60612 United States
AUTHOR EMAIL: sclam@uic.edu
Journal of Biological Chemistry (J. BIOL. CHEM.) (United States) 20
AUG 1999, 274/34 (24321-24327)
CODEN: JBCHA ISSN: 0021-9258
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 45

4/3/74 (Item 6 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

07693725 EMBASE No: 1999167137
Specific binding of integrin alphavbetainf 3 to the fibrinogen gamma and
alpha(E) chain C-terminal domains
Yokoyama K.; Zhang X.-P.; Medved L.; Takada Y.
Y. Takada, Department of Vascular Biology, Scripps Research Institute,
10550 North Torrey Pines Rd., San Diego, CA 92037 United States
AUTHOR EMAIL: takada@scripps.edu
Biochemistry (BIOCHEMISTRY) (United States) 04 MAY 1999, 38/18
(5872-5877)
CODEN: BICHA ISSN: 0006-2960
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 32

4/3/75 (Item 7 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

07686719 EMBASE No: 1999166955
Microfibril-associated glycoprotein-2 specifically interacts with a range
of bovine and human cell types via alpha(v)betainf 3 integrin
Gibson M.A.; Leavesley D.I.; Ashman L.K.
M.A. Gibson, Department of Pathology, University of Adelaide, Adelaide,
SA 5005 Australia
AUTHOR EMAIL: mgibson@medicine.adelaide.edu.au
Journal of Biological Chemistry (J. BIOL. CHEM.) (United States) 07
MAY 1999, 274/19 (13060-13065)
CODEN: JBCHA ISSN: 0021-9258
DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 57

4/3/76 (Item 8 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

07549935 EMBASE No: 1999042572
Reduced intimal thickening following alphavbeta3 blockade is associated with smooth muscle cell apoptosis
Van der Zee R.; Murohara T.; Passeri J.; Kearney M.; Cheresh D.A.; Isner J.M.
J.M. Isner, St. Elizabeth's Medical Center, Tufts University, School of Medicine, 736 Cambridge Street, Boston, MA 02135-2997 United States
AUTHOR EMAIL: jisner@opal.tufts.edu
Cell Adhesion and Communication (CELL ADHES. COMMUN.) (Netherlands) 1998, 6/5 (371-379)
CODEN: CADCE ISSN: 1061-5385
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 25

4/3/77 (Item 9 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

07505972 EMBASE No: 1998388862
Vascular integrin alpha(v)betainf 3: A new prognostic indicator in breast cancer
Gasparini G.; Brooks P.C.; Biganzoli E.; Vermeulen P.B.; Bonoldi E.; Dirix L.Y.; Ranieri G.; Miceli R.; Cheresh D.A.
G. Gasparini, Division of Medical Oncology, Ospedali Riuniti, Via Melacrino, 89100 Reggio Calabria Italy
AUTHOR EMAIL: oncologiaRc@diel.it
Clinical Cancer Research (CLIN. CANC. RES.) (United States) 1998, 4/11 (2625-2634)
CODEN: CCREF ISSN: 1078-0432
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 26

4/3/78 (Item 10 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

07291207 EMBASE No: 1998181754
Stepwise in vitro affinity maturation of Vitaxin, an alpha(v)betainf 3-specific humanized mAb
Wu H.; Beuerlein G.; Nie Y.; Smith H.; Lee B.A.; Hensler M.; Huse W.D.; Watkins J.D.
J.D. Watkins, Ixsys, Inc., 3520 Dunhill Street, San Diego, CA 92121 United States
AUTHOR EMAIL: jwatkins@cts.com
Proceedings of the National Academy of Sciences of the United States of America (PROC. NATL. ACAD. SCI. U. S. A.) (United States) 26 MAY 1998, 95/11 (6037-6042)
CODEN: PNAS A ISSN: 0027-8424
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 34

4/3/79 (Item 11 from file: 73)

DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

07276358 EMBASE No: 1998173050

Detection of tumor angiogenesis in vivo by alpha(v)betainf 3-targeted magnetic resonance imaging

Sipkins D.A.; Cheres D.A.; Kazemi M.R.; Nevin L.M.; Bednarski M.D.; Li K.C.P.

D.A. Sipkins, Lucas MRS Research Center, Department of Radiology, Stanford Univ. School of Medicine, Stanford, CA 94305 United States
Nature Medicine (NAT. MED.) (United States) 1998, 4/5 (623-626)

CODEN: NAMEF ISSN: 1078-8956

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 20

4/3/80 (Item 12 from file: 73)

DIALOG(R)File 73:EMBASE

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07208470 EMBASE No: 1998096975

Adhesion of human umbilical vein endothelial cells to the immediate-early gene product Cyr61 is mediated through integrin alpha(v)betainf 3
Kireeva M.L.; Lam S.C.-T.; Lau L.F.

L.F. Lau, Dept. of Molec. Genetics, M/C 669, University of Illinois, 900 South Ashland Ave., Chicago, IL 60607-7170 United States

Journal of Biological Chemistry (J. BIOL. CHEM.) (United States) 30 JAN 1998, 273/5 (3090-3096)

CODEN: JBCHA ISSN: 0021-9258

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 57

4/3/81 (Item 13 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2000 Elsevier Science B.V. All rts. reserv.

07173601 EMBASE No: 1998059574

The Arg-gly-asp motif in the cell adhesion molecule L1 promotes neurite outgrowth via interaction with the alpha(v)betainf 3 integrin

Yip P.M.; Zhao X.; Montgomery A.M.P.; Siu C.-H.

C.-H. Siu, Charles H. Best Institute, University of Toronto, 112 College St., Toronto, Ont. M5G 1L6 Canada

Molecular Biology of the Cell (MOL. BIOL. CELL) (United States) 1998, 9/2 (277-290)

CODEN: MBCEE ISSN: 1059-1524

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 102

4/3/82 (Item 14 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2000 Elsevier Science B.V. All rts. reserv.

07069046 EMBASE No: 1997350909

Dissociation between the anti-aggregatory and anti-secretory effects of platelet integrin alpha(IIb)betainf 3 (GPIIb/IIIa) antagonists, c7E3 and DMP728

Tsao P.W.; Forsythe M.S.; Mousa S.A.

S.A. Mousa, DuPont Merck Pharmaceutical Co., Experimental Station, Henry Clay Road, Wilmington, DE 19880-0400 United States

Thrombosis Research (THROMB. RES.) (United Kingdom) 1997, 88/2 (137-146)

CODEN: THBRA ISSN: 0049-3848
PUBLISHER ITEM IDENTIFIER: S0049384897002259
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 24

4/3/83 (Item 15 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

07001959 EMBASE No: 1997288320
Vitronectin receptor (alpha(v)beta₃) mediates platelet adhesion to the luminal aspect of endothelial cells: Implications for reperfusion in acute myocardial infarction
Gawaz M.; Neumann F.-J.; Dickfeld T.; Reininger A.; Adelsberger H.; Gebhardt A.; Schomig A.
Dr. M. Gawaz, 1. MKTUM, Klinikum rechts der Isar, Ismaninger Strasse 22, 81675 Munchen Germany
Circulation (CIRCULATION) (United States) 1997, 96/6 (1809-1818)
CODEN: CIRCA ISSN: 0009-7322
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 53

4/3/84 (Item 16 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

06959776 EMBASE No: 1997244345
Changing ligand specificities of alpha_vbeta₁ and alpha_vbeta₃ integrins by swapping a short diverse sequence of the beta subunit
Takagi J.; Kamata T.; Meredith J.; Puzon-McLaughlin W.; Takada Y.
Y. Takada, Dept. of Vascular Biology, Scripps Research Institute, 10550 N. Torrey Pines Rd., San Diego, CA 92037 United States
AUTHOR EMAIL: takada@scripps.edu
Journal of Biological Chemistry (J. BIOL. CHEM.) (United States) 1997, 272/32 (19794-19800)
CODEN: JBCHA ISSN: 0021-9258
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 48

4/3/85 (Item 17 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

06929140 EMBASE No: 1997213619
A three amino acid deletion in glycoprotein IIIa is responsible for type I Glanzmann's thrombasthenia: Importance of residues I₅sup 3_{sup} 2_{sup} 5_{sup}Pro_{sup} 3_{sup} 2_{sup} 6_{sup}Gly_{sup} 3_{sup} 2_{sup} 7 for beta₃ integrin subunit association
Morel-Kopp M.-C.; Kaplan C.; Proulle V.; Jallu V.; Melchior C.; Peyruchaud O.; Arousseau M.-H.; Kieffer N.
Dr. N. Kieffer, LFLRB, Centre Universitaire, 162 A, avenue de la Faiencerie, L-1511 Luxembourg Luxembourg
Blood (BLOOD) (United States) 1997, 90/2 (669-677)
CODEN: BLOOA ISSN: 0006-4971
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 49

4/3/86 (Item 18 from file: 73)

DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

06874770 EMBASE No: 1997159098

Immunohistochemical analysis of integrin alphavbeta3 expression on tumor-associated vessels of human carcinomas

Max R.; Gerritsen R.R.C.M.; Nooijen P.T.G.A.; Goodman S.L.; Sutter A.; Keilholz U.; Ruiter D.J.; De Waal R.M.W.

R.M.W. De Waal, Department of Pathology, University Hospital Nijmegen, P.O. Box 9101, 6500 HB Nijmegen Netherlands

AUTHOR EMAIL: r.dewaal@pathol.azn.nl

International Journal of Cancer (INT. J. CANCER) (United States) 1997, 71/3 (320-324)

CODEN: IJCNA ISSN: 0020-7136

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 20

4/3/87 (Item 19 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2000 Elsevier Science B.V. All rts. reserv.

06798206 EMBASE No: 1997080674

Ultrastructural analysis of the distribution of the vitronectin receptor (alpha(v)betainf 3) in human platelets and megakaryocytes reveals an intracellular pool and labelling of the alpha-granule membrane

Poujol C.; Nurden A.T.; Nurden P.

Dr. P. Nurden, UMR 5533 CNRS, Laboratoire d'Hemobiologie, Hopital Cardiologique, 33604 Pessac France

British Journal of Haematology (BR. J. HAEMATOL.) (United Kingdom) 1997, 96/4 (823-835)

CODEN: BJHEA ISSN: 0007-1048

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 44

4/3/88 (Item 20 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2000 Elsevier Science B.V. All rts. reserv.

06663359 EMBASE No: 1996328237

Thrombospondin modulates alpha(v)betainf 3 function through integrin-associated protein

Gao A.-G.; Lindberg F.P.; Dimitry J.M.; Brown E.J.; Frazier W.A.

Biochemistry/Molecular Biophysics, Washington University Medical School, Box 8231, 660 S. Euclid Avenue, St. Louis, MO 63110 United States

Journal of Cell Biology (J. CELL BIOL.) (United States) 1996, 135/2 (533-544)

CODEN: JCLBA ISSN: 0021-9525

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/89 (Item 21 from file: 73)

DIALOG(R)File 73:EMBASE

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06656600 EMBASE No: 1996321475

Inhibition of platelet-mediated, tissue factor-induced thrombin generation by the mouse/human chimeric 7E3 antibody: Potential implications for the effect of c7E3 Fab treatment on acute thrombosis and 'clinical restenosis'

Reverter J.C.; Beguin S.; Kessels H.; Kumar R.; Hemker H.C.; Collier B.S. Department of Medicine, Mount Sinai School of Medicine, One Gustave L.

Levy Place, New York, NY 10029 United States
Journal of Clinical Investigation (J. CLIN. INVEST.) (United States)
1996, 98/3 (863-874)
CODEN: JCINA ISSN: 0021-9738
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/90 (Item 22 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

06639900 EMBASE No: 1996304720
Integrin beta3 cDNA transfection into a highly metastatic
alphavbeta3-negative human melanoma cell line inhibits invasion and
experimental metastasis
Danen E.H.J.; Van Kraats A.A.; Cornelissen I.M.H.A.; Ruiter D.J.; Van
Muijen G.N.P.
Laboratory of Developmental Biology, NIDR, NIH, Bethesda, MD United
States
Biochemical and Biophysical Research Communications (BIOCHEM. BIOPHYS.
RES. COMMUN.) (United States) 1996, 226/1 (75-81)
CODEN: BBRCA ISSN: 0006-291X
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/91 (Item 23 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

06396842 EMBASE No: 1996052968
Integrin alpha(v)betainf 3 mediates chemotactic and haptotactic motility
in human melanoma cells through different signaling pathways
Aznavoorian S.; Stracke M.L.; Parsons J.; McClanahan J.; Liotta L.A.
Laboratory of Pathology, National Cancer Institute, National Institutes
of Health, Bethesda, MD 20892 United States
Journal of Biological Chemistry (J. BIOL. CHEM.) (United States) 1996
, 271/6 (3247-3254)
CODEN: JBCHA ISSN: 0021-9258
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/92 (Item 24 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

06277001 EMBASE No: 1995307430
Antiintegrin alphavbeta3 blocks human breast cancer growth and
angiogenesis in human skin
Brooks P.C.; Stromblad S.; Klemke R.; Visscher D.; Sarkar F.H.; Cheresch
D.A.
Dept. of Immunology/Vascular Biology, Scripps Research Institute, 10666
North Torrey Pines Road, San Diego, CA 92037 United States
Journal of Clinical Investigation (J. CLIN. INVEST.) (United States)
1995, 96/4 (1815-1822)
CODEN: JCINA ISSN: 0021-9738
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/93 (Item 25 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

06260147 EMBASE No: 1995293500

Ligation of endothelial alpha(v)beta integrin increases capillary hydraulic conductivity of rat lung

Tsukada H.; Ying X.; Fu C.; Ishikawa S.; McKeown-Longo P.; Albelda S.; Bhattacharya S.; Bray B.A.; Bhattacharya J.

Columbia University, St. Luke's-Roosevelt Hospital Center, 1000 10th Ave, New York, NY 10019 United States

Circulation Research (CIRC. RES.) (United States) 1995, 77/4 (651-659)

CODEN: CIRUA ISSN: 0009-7330

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/94 (Item 26 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2000 Elsevier Science B.V. All rts. reserv.

06225882 EMBASE No: 1995262690

An anti-alpha-v-integrin antibody that blocks integrin function inhibits the development of a human melanoma in nude mice

Mitjans F.; Sander D.; Adan J.; Sutter A.; Martinez J.M.; Jaggle C.-S.; Moyano J.M.; Kreysch H.-G.; Piulats J.; Goodman S.L.

E Merck, Pre Clin. Pharmaceutical Res. - (SP), Frankfurterstrasse 250, 64217 Darmstadt Germany

Journal of Cell Science (J. CELL SCI.) (United Kingdom) 1995, 108/8 (2825-2838)

CODEN: JNCSA ISSN: 0021-9533

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/95 (Item 27 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2000 Elsevier Science B.V. All rts. reserv.

06201975 EMBASE No: 1995239026

An antagonist of integrin alpha(v)beta integrin 3 prevents maturation of blood vessels during embryonic neovascularization

Drake C.J.; Cheres D.A.; Little C.D.

The Department of Cell Biology, Cardiovascular Dev. Biology Center, Medical University of South Carolina, 171 Ashley Avenue, Charleston, SC 29425 United States

Journal of Cell Science (J. CELL SCI.) (United Kingdom) 1995, 108/7 (2655-2661)

CODEN: JNCSA ISSN: 0021-9533

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/96 (Item 28 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2000 Elsevier Science B.V. All rts. reserv.

06187383 EMBASE No: 1995222273

Soluble ligands of the alpha(v)beta integrin mediate enhanced tyrosine phosphorylation of multiple proteins in adherent bovine pulmonary artery endothelial cells

Bhattacharya S.; Fu C.; Bhattacharya J.; Greenberg S.

St. Luke's-Roosevelt Hospital Center, New York, NY 10019 United States

Journal of Biological Chemistry (J. BIOL. CHEM.) (United States) 1995, 270/28 (16781-16787)

CODEN: JBCHA ISSN: 0021-9258

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/97 (Item 29 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

05692789 EMBASE No: 1994099698
Soluble alpha(v)betainf 3-integrin ligands raise (Casup 2sup +)(i) in rat osteoclasts and mouse-derived osteoclast-like cells
Zimolo Z.; Wesolowski G.; Tanaka H.; Hyman J.L.; Hoyer J.R.; Rodan G.A.
Merck Research Laboratories, Bone Biology/Osteoporosis Res. Dept., West Point, PA 19486 United States
American Journal of Physiology - Cell Physiology (AM. J. PHYSIOL. CELL PHYSIOL.) (United States) 1994, 266/2 35-2 (C376-C381)
CODEN: AJPCD ISSN: 0002-9513
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/98 (Item 30 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

05654718 EMBASE No: 1994066473
Inhibition of neointimal hyperplasia by blocking alpha(v)betainf 3 integrin with a small peptide antagonist GpenGRGDSPCA
Choi E.T.; Engel L.; Callow A.D.; Sun S.; Trachtenberg J.; Santoro S.; Ryan U.S.
Department of Surgery, Washington Univ. School of Medicine, Box 8109, 4960 Children's Place, St. Louis, MO 63110 United States
Journal of Vascular Surgery (J. VASC. SURG.) (United States) 1994, 19/1 (125-134)
CODEN: JVSUE ISSN: 0741-5214
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/99 (Item 31 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

05490578 EMBASE No: 1993258677
Endothelial cell attachment and spreading on human tenascin is mediated by alphainf 2betainf 1 and alphavbetainf 3 integrins
Sriramarao P.; Mendler M.; Bourdon M.A.
La Jolla Inst Experimental Medicine, 11077 N Torrey Pines Road, La Jolla, CA 92037 United States
Journal of Cell Science (J. CELL SCI.) (United Kingdom) 1993, 105/4 (1001-1012)
CODEN: JNCSA ISSN: 0021-9533
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/100 (Item 32 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

05331827 EMBASE No: 1993099912
Binding of osteopontin to the osteoclast integrin alpha(v)betainf 3
Miyauchi A.; Alvarez J.; Greenfield E.M.; Teti A.; Grano M.; Colucci S.; Zamboni-Zallone A.; Ross F.P.; Teitelbaum S.L.; Cheresh D.; Hruska K.A.
Department of Medicine, Jewish Hospital, Washington University Medical Center, St Louis, MO United States
Osteoporosis International (OSTEOPOROSIS INT.) (United Kingdom) 1993, 3/SUPPL. 1 (132-135)
CODEN: OSINE ISSN: 0937-941X
DOCUMENT TYPE: Journal; Conference Paper

4/3/101 (Item 33 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

05205491 EMBASE No: 1992345725
Thrombospondin mediates adherence of CD36sup + sickle reticulocytes to endothelial cells
Sugihara K.; Sugihara T.; Mohandas N.; Hebbel R.P.
University of Minnesota, Box 480 UMHC, Harvard St at E River Rd, Minneapolis, MN 55455 United States
Blood (BLOOD) (United States) 1992, 80/10 (2634-2642)
CODEN: BLOOA ISSN: 0006-4971
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/102 (Item 34 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

05193905 EMBASE No: 1992334139
Human melanoma cells derived from lymphatic metastases use integrin alpha(v)betainf 3 to adhere to lymph node vitronectin
Nip J.; Shibata H.; Loskutoff D.J.; Cheresch D.A.; Brodt P.
Division of Surgical Research, Department of Surgery, McGill University, 740 Docteur Penfield Avenue, Montreal, Que. H3A 1A4 Canada
Journal of Clinical Investigation (J. CLIN. INVEST.) (United States) 1992, 90/4 (1406-1413)
CODEN: JCINA ISSN: 0021-9738
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/103 (Item 35 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

04881743 EMBASE No: 1992021958
Recognition of osteopontin and related peptides by an alpha(v)betainf 3 integrin stimulates immediate cell signals in osteoclasts
Miyachi A.; Alvarez J.; Greenfield E.M.; Teti A.; Grano M.; Colucci S.; Zamboni-Zallone A.; Ross F.P.; Teitelbaum S.L.; Cheresch D.; Hruska K.A.
Department of Medicine, Jewish Hosp Wash. Univ Med Ctr, St. Louis, MO 63110 United States
Journal of Biological Chemistry (J. BIOL. CHEM.) (United States) 1991, 266/30 (20369-20374)
CODEN: JBCHA ISSN: 0021-9258
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

4/3/104 (Item 36 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2000 Elsevier Science B.V. All rts. reserv.

04524855 EMBASE No: 1991018897
The vitronectin receptor alpha(v)betainf 3 bind fibronectin and acts in concert with alpha5betainf 1 in promoting cellular attachment and spreading on fibronectin
Charo I.F.; Nannizzi L.; Smith J.W.; Cheresch D.A.
COR Therapeutics, Inc., South San Francisco, CA 94080 United States
Journal of Cell Biology (J. CELL BIOL.) (United States) 1990, 111/6 I (2795-2800)

4/3/105 (Item 1 from file: 154)
DIALOG(R)File 154:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10354097 20190933
Functional activation of integrin alpha V beta 3 in tumor cells expressing membrane-type 1 matrix metalloproteinase.
Deryugina EI; Bourdon MA; Jungwirth K; Smith JW; Strongin AY
La Jolla Institute for Experimental Medicine, CA, USA.
International journal of cancer. Journal international du cancer (UNITED STATES) Apr 1 2000, 86 (1) p15-23, ISSN 0020-7136 Journal Code: GQU
Contract/Grant No.: CA77470, CA, NCI; CA83017, CA, NCI; HL58925, HL, NHLBI; +
Languages: ENGLISH
Document type: JOURNAL ARTICLE

4/3/106 (Item 2 from file: 154)
DIALOG(R)File 154:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10344023 20167092
alpha(v)beta(3) integrin induces tyrosine phosphorylation-dependent Ca(2+) influx in pulmonary endothelial cells.
Bhattacharya S; Ying X; Fu C; Patel R; Kuebler W; Greenberg S; Bhattacharya J
Departments of Pediatrics and Medicine, St Luke's-Roosevelt Hospital Center, New York, NY 10019, USA.
Circulation research (UNITED STATES) Mar 3 2000, 86 (4) p456-62, ISSN 0009-7330 Journal Code: DAJ
Contract/Grant No.: HL36024, HL, NHLBI; HL57556, HL, NHLBI; HL54157, HL, NHLBI
Languages: ENGLISH
Document type: JOURNAL ARTICLE

4/3/107 (Item 3 from file: 154)
DIALOG(R)File 154:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10335853 20113322
Vascular expression of the alpha(v)beta(3)-integrin in lung and other organs.
Singh B; Fu C; Bhattacharya J
Department of Physiology and Cellular Biophysics, Department of Medicine, and St. Luke's-Roosevelt Institute of Health Sciences, College of Physicians and Surgeons, Columbia University, New York, New York 10019, USA.
Am J Physiol Lung Cell Mol Physiol (UNITED STATES) Jan 2000, 278 (1) pL217-26, ISSN 1040-0605 Journal Code: DKO
Contract/Grant No.: HL36024, HL, NHLBI; HL53625, HL, NHLBI
Languages: ENGLISH
Document type: JOURNAL ARTICLE

4/3/108 (Item 4 from file: 154)
DIALOG(R)File 154:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

10320850 20143864
Functional genomic analysis in arthritis-affected cartilage: yin-yang

regulation of inflammatory mediators by alpha 5 beta 1 and alpha V beta 3 integrins.

Attur MG; Dave MN; Clancy RM; Patel IR; Abramson SB; Amin AR

Department of Rheumatology, Hospital for Joint Diseases, New York, NY 10003, USA.

Journal of immunology (UNITED STATES) Mar 1 2000, 164 (5) p2684-91, ISSN 0022-1767 Journal Code: IFB

Languages: ENGLISH

Document type: JOURNAL ARTICLE

4/3/109 (Item 5 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

10253582 20094654

Monoclonal antibodies to alphaVbeta3 (7E3 and **LM609**) inhibit sickle red blood cell-endothelium interactions induced by platelet-activating factor [see comments]

Kaul DK; Tsai HM; Liu XD; Nakada MT; Nagel RL; Collier BS

Albert Einstein College of Medicine and Montefiore Medical Center, Bronx, NY 10461, USA. kaul@aeacom.yu.edu

Blood (UNITED STATES) Jan 15 2000, 95 (2) p368-74, ISSN 0006-4971 Journal Code: A8G

Contract/Grant No.: HL45931, HL, NHLBI; HL19278, HL, NHLBI

Comment in Blood 2000 Jan 15;95(2):365-7

Languages: ENGLISH

Document type: JOURNAL ARTICLE

4/3/110 (Item 6 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

10013874 99377072

Activation-dependent adhesion of human platelets to Cyr61 and Fisp12/mouse connective tissue growth factor is mediated through integrin alpha(IIb)beta(3).

Jedsadayanmata A; Chen CC; Kireeva ML; Lau LF; Lam SC

Department of Pharmacology, University of Illinois, Chicago, Illinois 60612, USA.

Journal of biological chemistry (UNITED STATES) Aug 20 1999, 274 (34) p24321-7, ISSN 0021-9258 Journal Code: HIV

Contract/Grant No.: HL41793, HL, NHLBI; CA46565, CA, NCI; CA80080, CA, NCI

Languages: ENGLISH

Document type: JOURNAL ARTICLE

4/3/111 (Item 7 from file: 154)

DIALOG(R)File 154:MEDLINE(R)

(c) format only 2000 Dialog Corporation. All rts. reserv.

09951196 99237864

Reduced intimal thickening following alpha(v)beta3 blockade is associated with smooth muscle cell apoptosis.

van der Zee R; Murohara T; Passeri J; Kearney M; Cheresh DA; Isner JM

Department of Biomedical Research, St. Elizabeth's Medical Center, Tufts University, School of Medicine, Boston, MA 02135-2997, USA.

Cell adhesion and communication (SWITZERLAND) 1998, 6 (5) p371-9, ISSN 1061-5385 Journal Code: B4A

Contract/Grant No.: HL-40518, HL, NHLBI; HL-02824, HL, NHLBI; CA50286, CA, NCI; +

Languages: ENGLISH

Document type: JOURNAL ARTICLE

4/3/112 (Item 8 from file: 154)
DIALOG(R)File 154:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

09904867 99240684

Microfibril-associated glycoprotein-2 specifically interacts with a range of bovine and human cell types via alphaVbeta3 integrin.

Gibson MA; Leavesley DI; Ashman LK
Department of Pathology, University of Adelaide, Adelaide, South Australia 5005. mgibson@medicine.adelaide.edu.au

Journal of biological chemistry (UNITED STATES) May 7 1999, 274 (19)
p13060-5, ISSN 0021-9258 Journal Code: HIV

Languages: ENGLISH

Document type: JOURNAL ARTICLE

4/3/113 (Item 9 from file: 154)
DIALOG(R)File 154:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

09901637 99249798

Specific binding of integrin alpha v beta 3 to the fibrinogen gamma and alpha E chain C-terminal domains.

Yokoyama K; Zhang XP; Medved L; Takada Y
Department of Vascular Biology, The Scripps Research Institute, La Jolla, California 92037, USA.

Biochemistry (UNITED STATES) May 4 1999, 38 (18) p5872-7, ISSN 0006-2960 Journal Code: AOG

Contract/Grant No.: GM47157, GM, NIGMS; GM49899, GM, NIGMS; HL-56051, HL, NHLBI

Languages: ENGLISH

Document type: JOURNAL ARTICLE

4/3/114 (Item 10 from file: 154)
DIALOG(R)File 154:MEDLINE(R)
(c) format only 2000 Dialog Corporation. All rts. reserv.

09791629 99045190

Vascular integrin alpha(v)beta3: a new prognostic indicator in breast cancer.

Gasparini G; Brooks PC; Biganzoli E; Vermeulen PB; Bonoldi E; Dirix LY; Ranieri G; Miceli R; Cheresch DA

Division of Medical Oncology, Azienda Ospedaliera Bianchi-Melacrino-Morelli, Reggio Calabria, Italy. oncologiaRc@diel.it

Clinical cancer research (UNITED STATES) Nov 1998, 4 (11) p2625-34, ISSN 1078-0432 Journal Code: C2H

Contract/Grant No.: HL5444, HL, NHLBI; CA50286, CA, NCI; CA45726, CA, NCI

Languages: ENGLISH

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4/3/115 (Item 11 from file: 154)
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09399612 98112865

Adhesion of human umbilical vein endothelial cells to the immediate-early gene product Cyr61 is mediated through integrin alphavbeta3.

Kireeva ML; Lam SC; Lau LF
Molecular Genetics, College of Medicine, University of Illinois, Chicago, Illinois 60607-7170, USA.

Journal of biological chemistry (UNITED STATES) Jan 30 1998, 273 (5)
p3090-6, ISSN 0021-9258 Journal Code: HIV

Contract/Grant No.: CA46565, CA, NCI; HL41793, HL, NHLBI

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09371308 98027287
Dissociation between the anti-aggregatory & anti-secretory effects of platelet integrin alpha IIb beta 3 (GPIIb/IIIa) antagonists, c7E3 and DMP728 [published erratum appears in Thromb Res 1998 Jan 15;89(2):97]
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DuPont Merck Pharmaceutical Company, Cardiovascular Division, Wilmington, DE 19880, USA.
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ISSN 0049-3848 Journal Code: VRN
Languages: ENGLISH
Document type: JOURNAL ARTICLE

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Integrin alphavbeta3 mediates chemotactic and haptotactic motility in human melanoma cells through different signaling pathways.
Aznavorian S; Stracke ML; Parsons J; McClanahan J; Liotta LA
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Languages: ENGLISH
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Soluble alpha v beta 3-integrin ligands raise $[Ca^{2+}]_i$ in rat osteoclasts and mouse-derived osteoclast-like cells.
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Languages: ENGLISH
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Binding of osteopontin to the osteoclast integrin alpha v beta 3.
Miyauchi A; Alvarez J; Greenfield EM; Teti A; Grano M; Colucci S; Zamboni-Zallone A; Ross FP; Teitelbaum SL; Cheresch D; et al
Department of Medicine, Jewish Hospital, Washington University Medical Center, St Louis, Missouri.
Osteoporosis international (ENGLAND) 1993, 3 Suppl 1 p132-5, ISSN 0937-941X Journal Code: BE0
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Document type: JOURNAL ARTICLE

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DIALOG(R)File 399:CA SEARCH(R)

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132320945 CA: 132(24)320945q PATENT

Method of treatment of arterial and venous thromboembolic disorders

INVENTOR(AUTHOR): Mousa, Shaker Ahmed

LOCATION: USA

ASSIGNEE: Dupont Pharmaceuticals

PATENT: United States ; US 6056958 A DATE: 20000502

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Monoclonal antibodies to .alpha.V.beta.3 (7E3 and LM609) inhibit sickle red blood cell-endothelium interactions induced by platelet-activating factor

AUTHOR(S): Kaul, D. K.; Tsai, H. M.; Liu, X. D.; Nakada, M. T.; Nagel, R. L.; Collier, B. S.

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